

The Art of Entertainment

● KE-2700SDK



ORDER NO. **CRT1325** 

WG

CASSETTE CAR STEREO WITH FM/MW ELECTRONIC TUNER

# WG CASSETTE CAR STEREO WITH FM/MW/LW ELECTRONIC TUNER **EW**

### Note:

• See the separate manual CX-197(CRT1328) for the cassette mechanism description.

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FK DEC. 1990 P.

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FK DEC. 1990 Prrinted in Japan

# SAFETY INFORMATION

### **WARNING!**

Lithium batteries. Danger of explosion. Replacement must be done by qualified personnel and only by following the instructions given in the service manual.

This warning is stated on the product or in the operating instructions. When replacing the lithium batteries, follow the note below.

Dispose of the used battery promptly. Keep away from children. Do not disassemble and do not dispose of in fire.

The battery used in this device may present a fire or chemical hazard if mistreated. Do not recharge, disassemble, heat above 100°C or incinerate. Replace only with the same Part Number. Use of another battery may present a risk of fire or explosion.

Note: The lithium battery installation position is shown in the exploded view and the P.C. board pattern.

# 1. SPECIFICATIONS

General
Power source 14.4 V DC (10.8 - 15.6 V allowable)
Grounding system Negative type
Max. current consumption
(KE-2700SDK, KE-2730B, KE-2700B) 2.5 A
(KE-1700SDK, KE-1730B, KE-1700B) 1.8 A
Dimensions (chassis)
(front face)
Weight 1.3 kg
Amplifier
Maximum power output
(KE-2700SDK, KE-2730B, KE-2700B) $8.5~\mathrm{W} \times 2/7~\mathrm{W} \times 4~\mathrm{(EIAJ)}$
(KE-1700SDK, KE-1730B, KE-1700B)
Continuous power output
(KE-2700SDK, KE-2730B, KE-2700B) 4.5 W $ imes$ 2/3.5 W $ imes$ 4
(1% dist. at 1 kHz)
(KE-1700SDK, KE-1730B, KE-1700B) 4.5 W × 2
(1% dist. at 1 kHz)
Load impedance
(KE-2700SDK, KE-2730B, KE-2700B) 4 $\Omega$ (4 $-$ 8 $\Omega$ allowable)
(KE-1700SDK, KE-1730B, KE-1700B) 4 $\Omega$ (2 $-$ 8 $\Omega$ allowable)
Tone controls (KE-2700SDK, KE-2730B, KE-2700B)
(bass)
(treble) ±10 dB (10 kHz)
Loudness contour +8 dB (100 Hz), +4 dB (10 kHz)
(volume: -30 dB)

### **ADVARSEL!**

Lithiumbatteri — Eksplosionsfare ved fejlagtig håndtering. Udskiftning må kun ske med batteri af samme fabrikat og type. Levér det brugte batteri tilbage til leverandøren.

Denne advarsel or angivet på produktet eller i brugsvejledningen. Ved udskiftning af lithium batterierne følges nedenstående anveisning. Batterierne må kun udskiftes med batterier af samme type og mærke.

### **VARNING**

Explosionsfara vid felaktigt batteribyte. Använd samma batterityp eller en ekvivalent typ som rekommenderas av apparattillverkaren. Kassera använt batteri enligt fabrikantens instruktion.

Denna varning finns på apparaten eller i bruksanvisningen. Följ nedanstående anvisningar vid byte av litiumbatterier.

Batterierna får endast bytas ut mot litiumbatterier av samma typ och fabrikat.

### Tape player

Tape Com	nact cassette tane (C-30 C-90)
Tape speed 4.76 cm/sec	$(\pm 0.14 \text{ cm/sec}) = 0.05 \text{ cm/sec}$
Fast forward/rewind time	
Wow & flutter	
Frequency response	50 - 14,000 Hz (±3 dB)
Stereo separation	45 dB
Signal-to-noise ratio	52 dB (IEC-A network)
FM tuner	
Frequency range	
Usable sensitivity 11 dBf	(1.0 $\mu$ V/75 $\Omega$ , mono, S/N: 30 dB)
50 dB quieting sensitivity	
Signal-to-noise ratio	70 dB (IEC-A network)
Distortion	
Frequency response	
Stereo separation	40 dB (at 65 dBf, 1 kHz)
MW tuner	
Frequency range	531 — 1,602 kHz
Usable sensitivity	
Selectivity	
LW tuner (KE-2730B, KE-1730B)	
Frequency range	153 — 281 kHz
Usable sensitivity	30 µV (30 dB) (S/N; 20 dB)
Selectivity	50 dB (+9 kHz)
,	

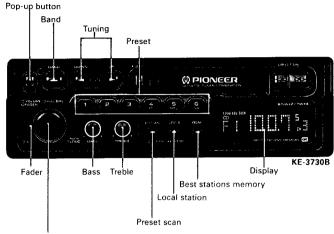
### Note

Specifications and the design are subject to possible modification without notice due to improvements.



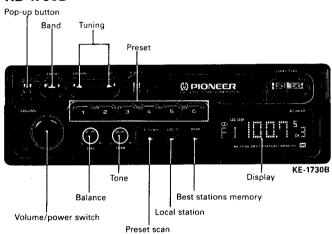
# 2. USING THE RADIO

### KE-3730B, KE-2730B

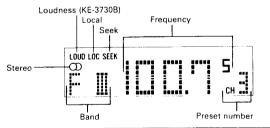


Volume/balance/loudness/power switch (KE-3730B) Volume/balance/power switch (KE-2730B)

### **KE-1730B**



# KE-3730B, KE-2730B, KE-1730B



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### • Before attempting operation...

- Set the fader control to the left horizontal. (KE-2730B)
- Turning the power switch to the right causes power to switch ON and the current frequency to appear on the display.
- Since the set is designed preferentially for tape play, eject a cassette tape, if mounted, before operating the radio.
- 2. Press the band switch to select the band.
- Switching between FM and MW/LW is controlled by the band switch. Switching between LW and MW is accomplished using the tuning button. The MW band is from 531 kHz to 1,602 kHz, and the LW band is from 153 kHz to 281 kHz.
- Press both ends of tuning button and the seek tuning indicator will appear on the display.
- Press either the left or right side of the tuning button to tune in the desired frequency. (Pressing the right side will increase the frequency.)

### KE-2730B

Adjust the volume and balance. To adjust the balance, first pull the knob until a click is heard. After setting to the desired level, push the knob in again to its original position.

### KE-1730B

- 5. Adjust the volume and balance.
- 6. Adjust the tone.

### • To enter a frequency into the preset memory...

- Hold down one of the preset buttons (1-6) for approximately two seconds. The frequency is stored in memory (assigned to the preset button pressed) once the preset number stops flashing on the display.
  - Six FM1 frequencies, six FM2 frequencies, six FM3 frequencies and six MW and LW frequencies can be entered.

### Best Stations Memory Button

Automatically tunes strong frequencies and assigns them to preset buttons 1 through 6 for one-touch automatic tuning. The best stations memory function is activated by pressing this button for approximately 2 seconds. The best stations memory function is indicated by ——— flashing on the display, and this function can be canceled by pressing the band switch. The frequency display returns once the best stations memory function is complete. The frequency displayed at this time is of the strongest station assigned to preset button 1 by the best stations memory function.

- 6 best (strongest) frequencies are memorized in the 6 preset buttons in the order of their strength, the strongest one being assigned to preset button 1.
- The frequencies previously assigned to the preset buttons are retained when 6 frequencies cannot be located.
- The best stations memory is in operation while ——— is flashing on the display.

### Local Station Switch

Pressing this switch increases the seek threshold level so that only relatively strong stations can be tuned in (local indicator will illuminate on the display). Local seek threshold level can be selected among four levels for FM and two levels for MW and LW.

Holding this switch down for approximately 2 seconds and then pressing the right side of the tuning button changes the display from L-1, L-2, L-3 to L-4. Pressing the left side of the tuning button changes the display from L-4, L-3, L-2 to L-1 (L-1 and L-2 for MW/LW). The bigger the number, the higher the seek threshold becomes and only relatively strong stations can be tuned in.

### ● Fader Control (KE-2730B)

This control is used to adjust the balance between the front and rear speakers when using a 4-speaker system. Turning the control upwards decreases the volume of the rear speakers, while turning it downwards decreases the volume of the front speakers. With 2-speaker systems, set this control to a horizontal position.

Aconsiderable amount of sound will continue to be produced from speakers of a 4-speaker system which have been cut by setting the fader control either to the front speakers or rear speakers. This is normal and does not indicate malfunction.

### Auto-Loudness (KE-2730B, KE-1730B)

When playing back a tape or listening to the radio at low volume, the low and high tones are automatically emphasized.

### Seek Tuning

Press both ends of tuning button and tuning to the next higher or lower broadcast on the band can be accomplished automatically by simply pressing either the right or left side of the tuning button. FM frequencies change in 50 kHz steps while those in the MW and LW bands change in 9 kHz steps.

### **Preset Scan Tuning**

Pressing the preset scan button (CH indicator flashes) causes previously stored frequencies to be tuned in sequentially for eight seconds each. Press again when the desired frequency is tuned in to cancel preset scan tuning.

### **Preset Tuning**

Pressing the preset button instantly tunes in the frequency programmed in the memory for that button.

### Manual Tuning

When manual tuning is employed, FM frequencies change in 50 kHz steps, LW frequencies change in 1 kHz steps, and MW frequencies change in 9 kHz steps.

- Press both ends of tuning button and the seek tuning indicator will disappear from the display.
- Change the frequency by pressing either the left or right side of the tuning button. Pressing the button once will change the frequency one step (see above). Continuously depressing either side of the button will successively change the frequency at the prescribed step.

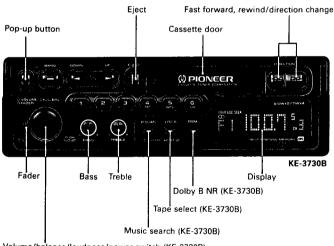
### ● Pop-up button

When the quickrelease handle is on the bottom, push the button to move it up slightly. Push it when you remove the unit from the dashboard.

The button works only when the handle lock is released.

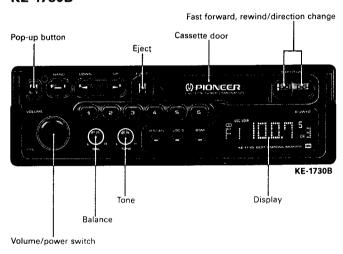
# 3. USING THE TAPE DECK

### KE-3730B, KE-2730B

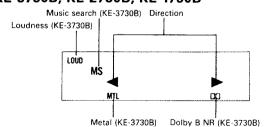


Volume/balance/loudness/power switch (KE-3730B) Volume/balance/power switch (KE-2730B)

### **KE-1730B**



### KE-3730B, KE-2730B, KE-1730B





### • Before attempting operation...

- Set the fader control to the left horizontal. (KE-2730B)
- 1. Turning the power switch to the right causes power to switch ON.
- Loading a cassette tape into the load slot causes playback to begin automatically.

### KE-2730B

Adjust the volume and balance. To adjust the balance, first pull the knob until a click is heard. After setting to the desired level, push the knob in again to its original position.

### KE-1730B

- 3. Adjust the volume and balance.
- 4. Adjust the tone.
- 5. When tape playback reaches the end of the tape, playback will automatically switch from the side being played to the opposite side (ie. Side A to Side B or vice versa) (Auto-reverse). To eject the tape during playback, press the eject button.
- A loose or warped label on a cassette tape may interfece with the eject mechanism of the unit or cause the cassette to become jammed in the unit. Avoid using such tapes or remove such labels from the cassette before attempting use.
- Do not try to eject the cassette immediately after insertion, as it will cause malfunction. Wait a few seconds.
- Loose tapes should be rewound with the aid of a pencil and unevenly wound tapes rewound with the use of the fast forward function.
   Be sure to eject the tape when the vehicle's ignition is turned OFF. Leaving the
- Be sure to eject the tape when the vehicle's ignition is turned OFF. Leaving the tape in the unit can deform the pinch roller causing wow and flutter during tape playback.

### ● Fast Forward/Rewind

Since the transport can be in either direction, both the left and right high-speed tape transport buttons can be regarded as fast forward/rewind buttons

For fast forward, press the high-speed tape transport button that corresponds to the direction that is shown by the direction indicator. When the end of the tape is reached, playback will automatically begin from the opposite side of the tape (Auto-reverse).

For rewind, press the button that is opposite that of the direction shown by the direction indicator. When the end of the tape is reached, playback will automatically begin from the beginning of the same side of the tape (Auto-replay).

Fast forward and rewind can be terminated by pressing the respective opposite high-speed tape transport button.

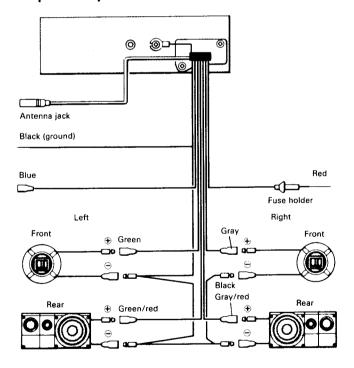
### • Direction Change

Push the fast forward and rewind buttons together to switch from one side of the tape to the other (from Side A to Side B or vice versa).

# 4. CONNECTIONS

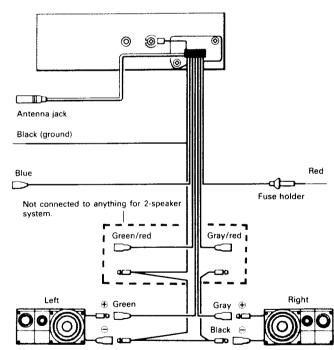
### KE-2700SDK, KE-2730B, KE-2700B

### 4-speaker system

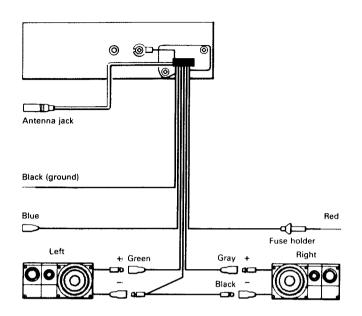


### KE-2700SDK, KE-2730B, KE-2700B

### 2-speaker system



### KE-1700SDK, KE-1730B, KE-1700B



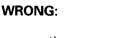
### Note:

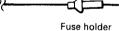
- To avoid shorts in the electrical system, be sure to disconnect the battery ⊕ cable before beginning installation.
- Replace the fuse only with the type stipulated on the fuse holder.
- Be sure to properly connect the color coded leads. Failure to do so can cause malfunctions.
- Cover unused terminals with tape to prevent electrical shorts.

Black (ground)	To vehicle (metal) body.					
Blue	To auto-antenna power terminal (Max. 300 mA 12 V DC).					
Red	To electric terminal controlled by ignition switch (12 V DC) ON/OFF.					

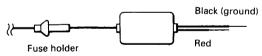
## ERRATUM (KE-2700SDK, KE-1700SDK)

There is a mistake in the "Connections" section in the Owner's Manual. The red lead in the illustration should be changed as follows:





**RIGHT:** 



Red

Black (ground)	To vehicle (metal) body.
Red	To electric terminal controlled by ignition switch (12 V DC) ON/OFF.

### CAUTION

It is very dangerous to short the red and black leads together. Before connecting the leads, read the "Connections" section in the Owner's manual, and connect the leads carefully.

# 5. DISASSEMBLY

### • Removing the Case

- 1. Insert and turn a screwdriver to remove the case.
- 2. Raise the case to remove.

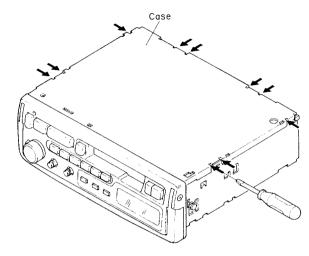


Fig. 1

### Removing the Handle

1. Remove the two screws, and then remove the handle.

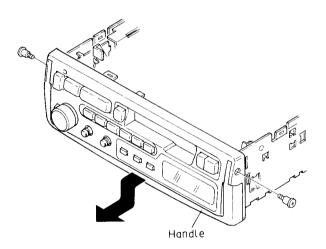


Fig. 2

### • Removing the Grille Assy

- Remove the two knobs. (KE-2700SDK, KE-2730B, KE-2700B)
- 2. Remove the knob. (KE-1700SDK, KE-1730B, KE-1700B)
- 3. Press the tabs at four locations, and then pull out the grille assy.

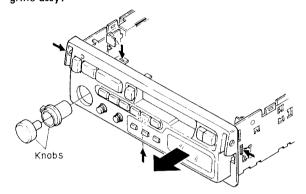


Fig. 3

# • Removing the Cassette Mechanism Assy

- 1. Disconnect the connector.
- 2. Remove the four screws A and four screws B.
- 3. Remove the cassette mechanism assy.

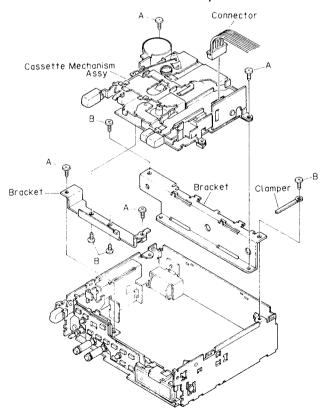


Fig. 4

# Removing the SDK P.C. board (KE-2700SDK, KE-1700SDK)

1. Pull out the SDK P.C. board.

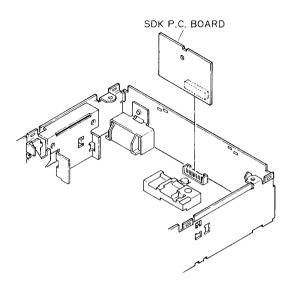


Fig. 5

# • Removing the Tuner Amp Unit

- 1. Remove the four screws C.
- 2. Raise up on tuner amp unit to remove it from the chassis unit

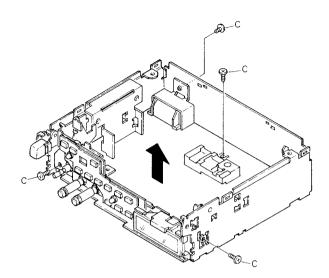


Fig. 6

# 6. BLOCK DIAGRAM

• KE-2700B

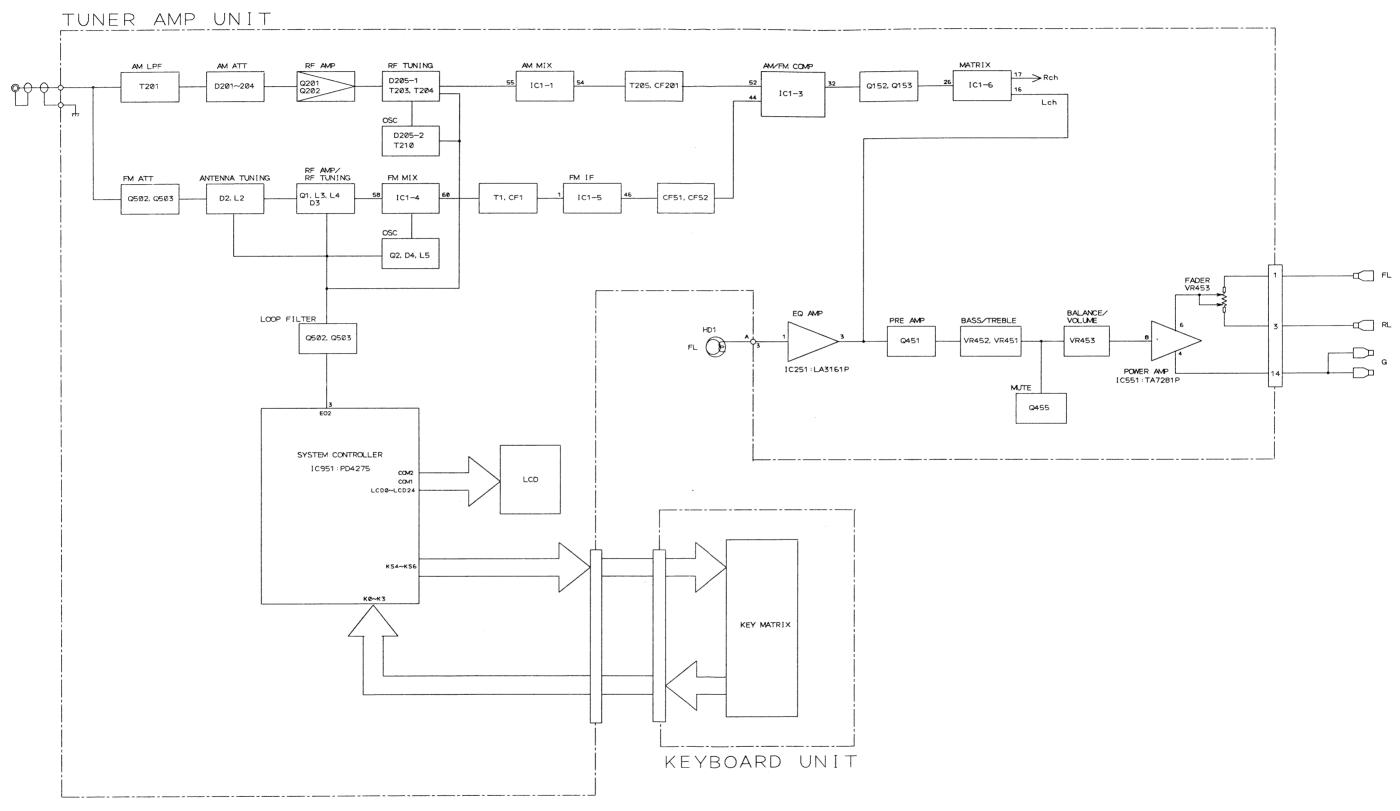


Fig. 7

# 7. ADJUSTMENT

# • Connection Diagram

### NOTICE:

Select C1 so that total capacity of 80pF is attained from the direction of the receiver jack.

Z: Output impedance of SSG.

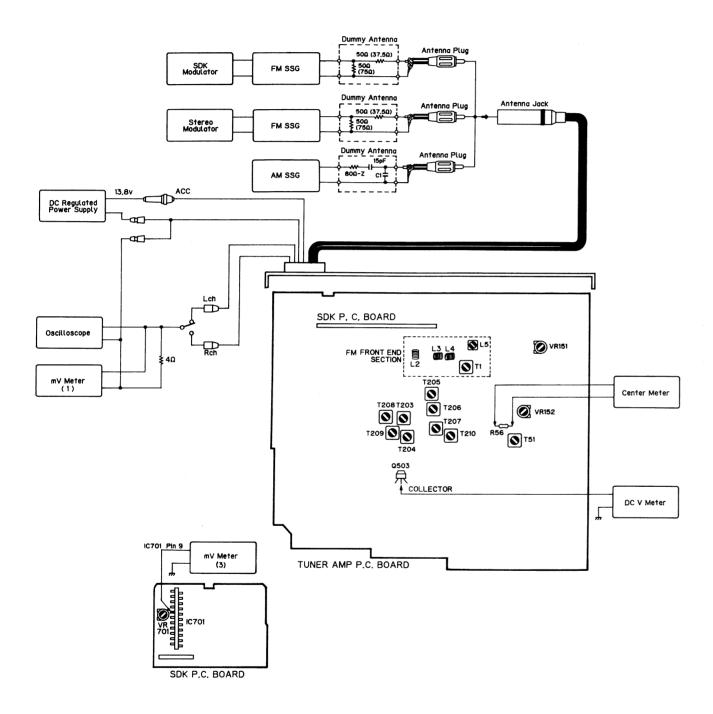


Fig. 8

### FM ADJUSTMENT

※ 1 Stereo MOD.: Pilot=10%

	No.	FM \$SG (400	Hz, 100%)	Displayed	Adjusting	Adjustment Method
	NO.	Frequency (MHz)	Level (dBf)	Frequency (MHz)	Point	(Switch Position)
Tun- ing Volt	1	_	_	108.0	L5	DC V Meter:7.0V
Tra-	1	98.1	15	98. 1	L2, L4	mV Meter(1):Maximum
cki- ng	2	98.1	15	98.1	T1	mV Meter(1):Maximum
1 F	1	98.1 Unmodulated	6 5	98. 1	T 5 1	Center Meter:0
Pil- ot Can- cel	1	98.1 ※ 1	6 5	98.1	VR151	mV Meter(1):Minimum (MPX Filter:OFF)
ARC	1	98.1 % 2	40	98.1	VR152	mV Meter(1):Separation 5dB

# AM ADJUSTMENT

(KE-2700SDK, KE-2700B, KE-1700SDK, KE-1700B)

	No.	AM SSG (400	Hz, 30% )	Displayed	Adjusting Point	Adjustment Method			
	NO.	Frequency (kHz)	Level (dBμV)	Frequency (kHz)	roint	(Switch Position)			
Tun- ing Volt	1		_	530	T210	DC V Meter:1.0V			
Tra- cki- ng	1	1.000	2 0	1,000	T203, 204, 205, 206	mV Meter(1):Maximum			

# MW/LW ADJUSTMENT (KE-2730B, KE-1730B)

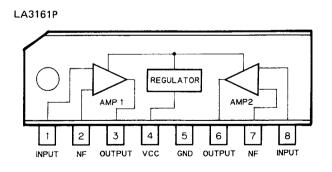
	.,	AM SSG (400	Hz. 30% )	Displayed	Adjusting	Adjustment Method		
	No.	Frequency (kHz)	Level (dBμV)	Frequency (kHz)	Point	(Switch Position)		
Tun-	1			531	T210	DC V Meter:1.0V		
ing Volt	2		_	153	T207	DC V Meter:3.0V		
Tra- cki-	1	999	20	999	T203, 204, 205, 206	mV Meter(1):Maximum		
ng	1	216	20	216	T208, 209	mV Meter(1):Maximum		

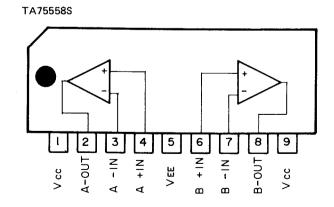
# SDK ADJUSTMENT (KE-2700SDK, KE-1700SDK)

% 3 : SDK MOD. : SK (57kH) = 5%

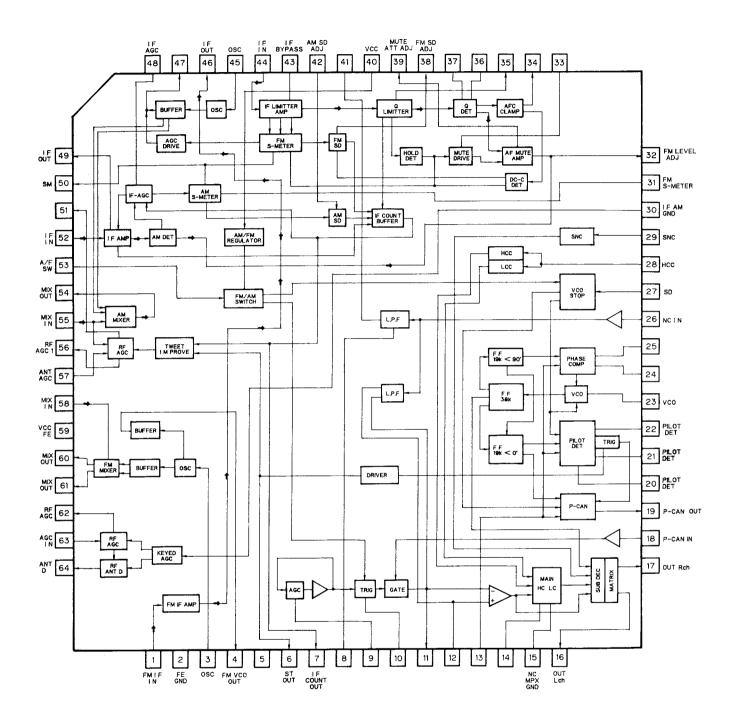
	No.	FM SSG (400	Hz. 100%)	Displayed Frequency	Adjusting	Adjustment Method (Switch Position)			
	NO.	Frequency (MHz)	Level (dBf)	(MHz)	F01111C	(SWILCH FOSILIUM)			
	1	98.1%3	6 5	98.1	VR701	mV Meter(3):Maximum			

### • ICs





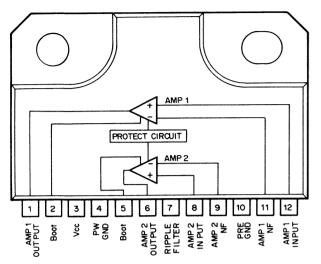
### PAC001A

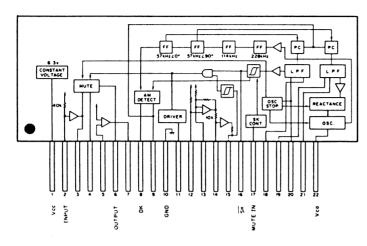


TA7281P

LA2220

TA 7281P





IC's marked by \* are MOS type. Be careful in handling them because they are very liable to be damaged by electrostatic induction.

\*PD4275

		-	7 7	ם ע	4	7	77		- c	ן ת	1   0	١,	ا ام	n s	4   W		-		
NR MTL	20 21 22 23 24 25 26	MS OUT SEEK XO X1 GND	20	AM IF	TAPE	, K	XQ	MUTE	LW/WW	FNZAW	VDD2	CE	FM VCO	AM VCO	1007	E02	SL K0 K1 K2 K3 GND	64 63 62 61 60 59 51	(BSEN)
	27 28 29 30 31 32	DK 0012 34 C022 75 C023 C022 C022 C022 C022 C022 C022 C022	35 Lt020	25 L0019	38 (1018			41 LCD14	42 LCD13	45 LCD12	444 LCD11	450 LCD18	LCD9	LCD8	100 CC0 C	50 LCD6 AS56 77		57 56 55 54 53 52	LCD1/KS1 LCD2/KS2 LCD3/KS3

# • Pin Function (PD4275)

Pin No.	Pin Name	1/0	Output Format	Function and Operation
1	NC		C	Not used
2	E01 E02	Output	C(3)	PLL error output pins
4 8	VDD1 VDD2			Device power supply pin
5	VCOL	Input		AM local oscillator signal input pin
6	VСОН	Input		FM local oscillator signal input pin
7	CE	Input		Chip enable input pin
9	FM/AM	Output	С	FM/AM band select pin "H":FM "L":AM
10	LW	Output	С	Loop filter switching output pin "H":LW
1 1	MUTE	Output	С	Mute output pin "H":ON
12	DK	INPUT		SK signal input pin
13	sĸ	INPUT		DK signal input pin
1 4	ਬਾ	Input		Stereo broadcast detection signal input pin "L":Stereo indicator is displayed
15	TAPE	INPUT		Tape power ON/OFF input pin "H":ON
16	AMIF	Input		AM IF signal input pin
17	SD	Input		FM SD input "H":During broadcast reception
18	F/REV	Input		Tape motion signal input pin "H": Forward
19	LOUD	Input		Loudness ON/OFF signal input pin "L":ON
20	NR	Output	С	Dolby NR ON/OFF output pin "H":ON
21	METAL	Output	С	Tape METAL ON/OFF output pin "L":ON
22	MSOUT	Output	С	Tape MS ON/OFF output pin "L":ON
23	SEEK	Out put	С	"H"level:SEEK, BSM, BSA and PSCAN
24 25	XO X1	Output Input	С	Quartz oscillator terminal
26	GND			GND terminal
27	PEE	Output	С	Alarm output pin
28	LOC1	Output	С	Halt sensitivity switching pin
				"L":DX SEEK(P. SCAN) "H":LOC SEEK
29	DKOUT	Output	С	Control by DK(terminal #12) input signal "H":DK input signal is detected as 125Hz
30	NC			Not used

Pin PNo. Na
31 LCD
1 55 LCD
48 KS7
55 KS0
56 COM
57 COM
59 K3
1 1
62 K0
63 SL
64 NC

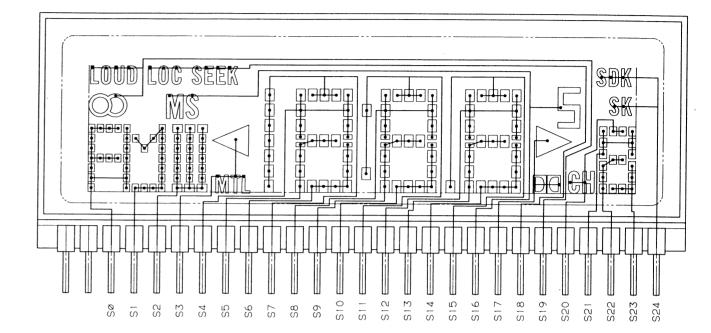
Output C C(

Pin No.	Pin Name	1/0	Output Format	Function and Operation
31   55	LCD24 I LCD0	Output	С	Segment signal output pins to LCD
48     55	KS7   KS0	Output	С	Key matrix strobe output pins
56 57	COM1 COM2	Output	O	Common signal output pins to LCD
59   62	КЗ   КО	Input		Key matrix return input pins
63	SL	Input		AM station level anarog input pin
64	NC		С	Not used

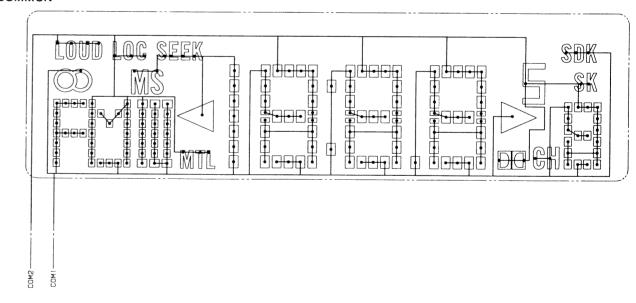
Output format	Meaning
С	C-MOS
C(3)	C-MOS(3 State)

# • LCD(CAW1097)

# SEGMENT



### COMMON



LW

ut pin

ption

or d ON KE-2700SDK

8. CONNECTION DIAGRAM (KE-2700SDK)

**TUNER AMP P.C. BOARD** Q912 Q913 Q522 Q202 Q201 Q456 Q151 Q153 IC951 IC501 Q707 Q152 Q457 Q502 Q451 L4 T210 T205 L2 T204 T203 T206

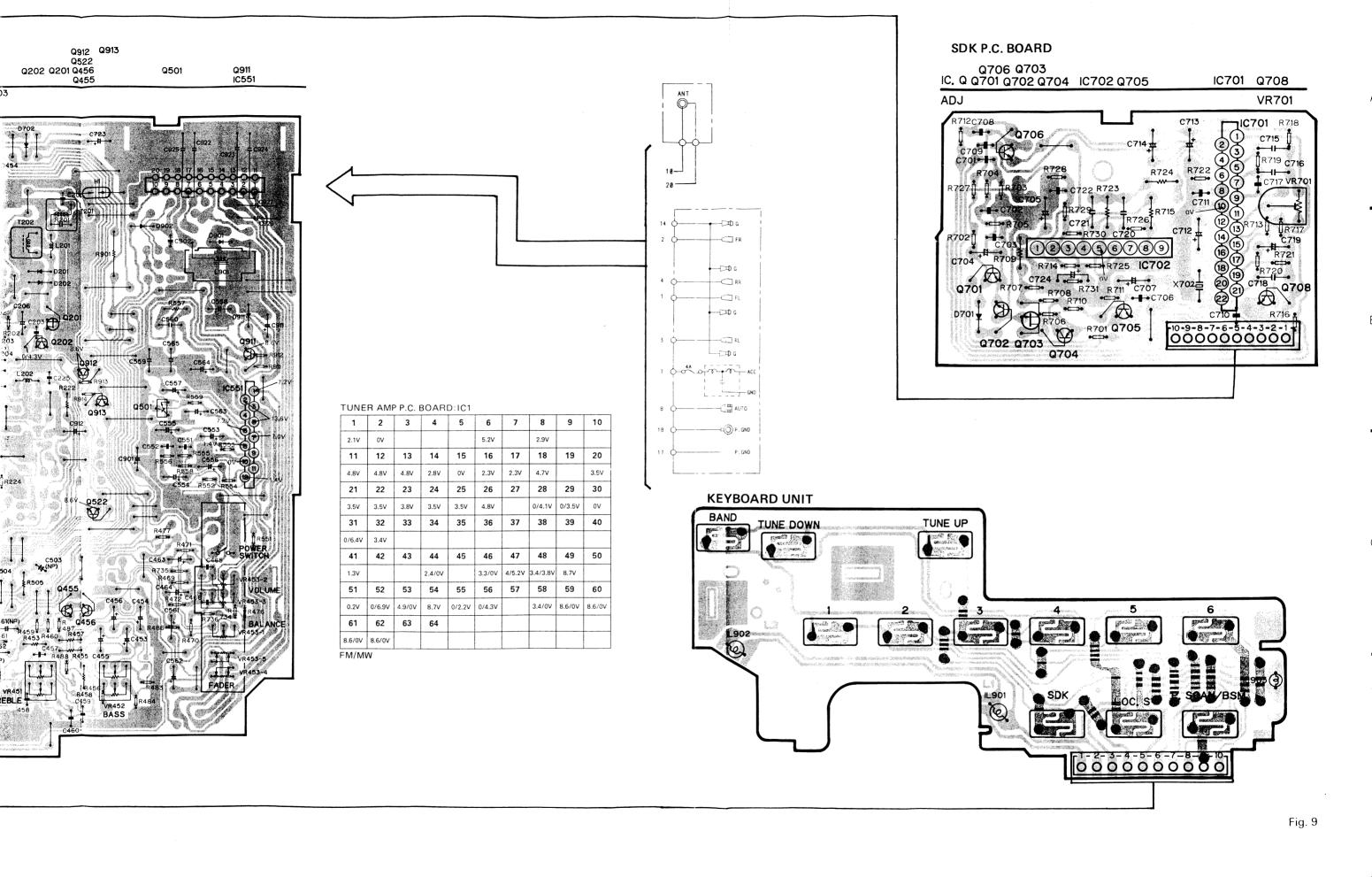
P.C. BOARD (A)

P.C. BOARD (B) There is a C921 unit fitted with a ceramic

capacitor instead of a chip capacitor. Both units are interchangeable with 0000000000000

19

HEAD UNIT: EXA1163



8 9 10 11

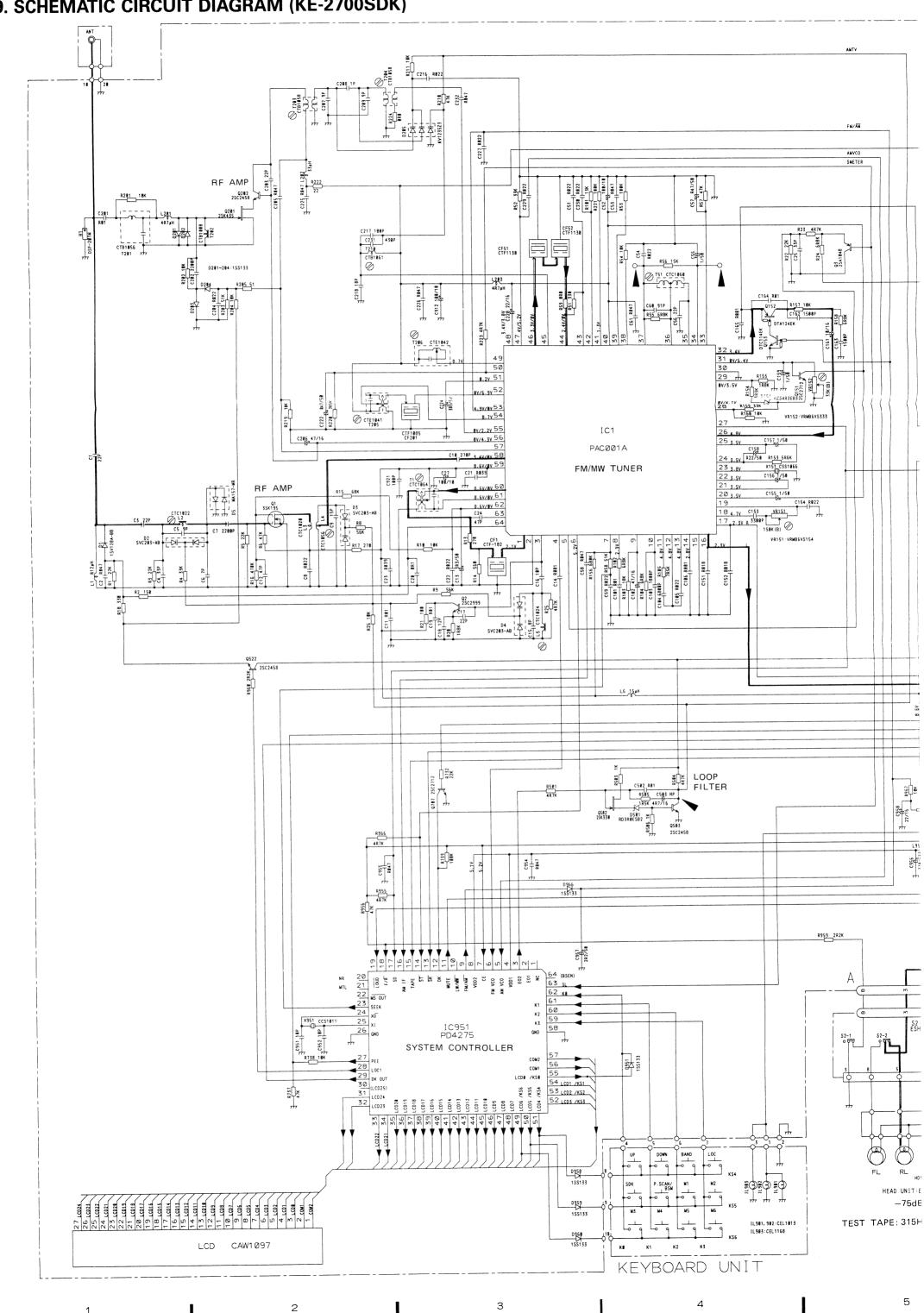
# 9. SCHEMATIC CIRCUIT DIAGRAM (KE-2700SDK)

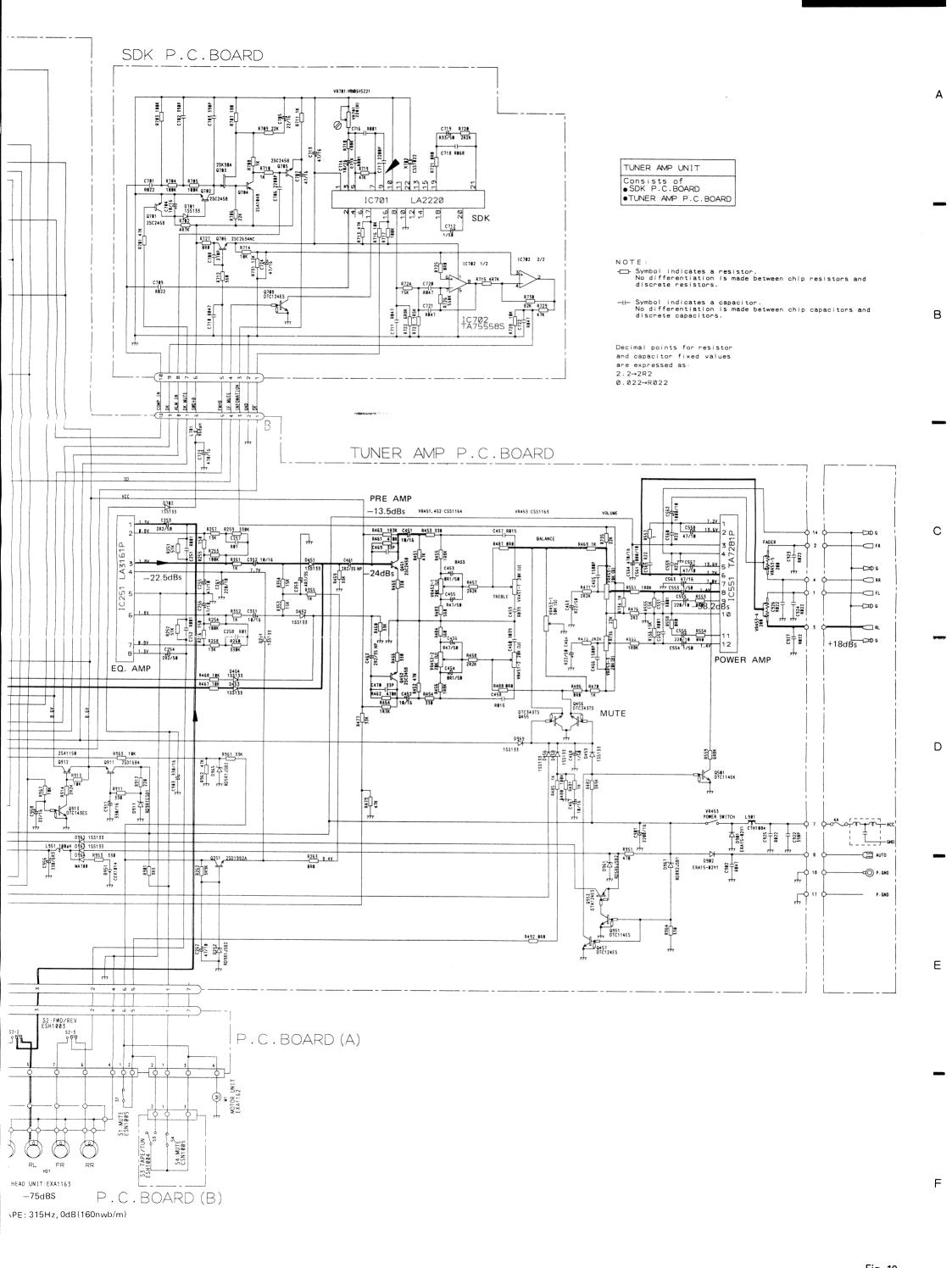
Α

В

С

Ε



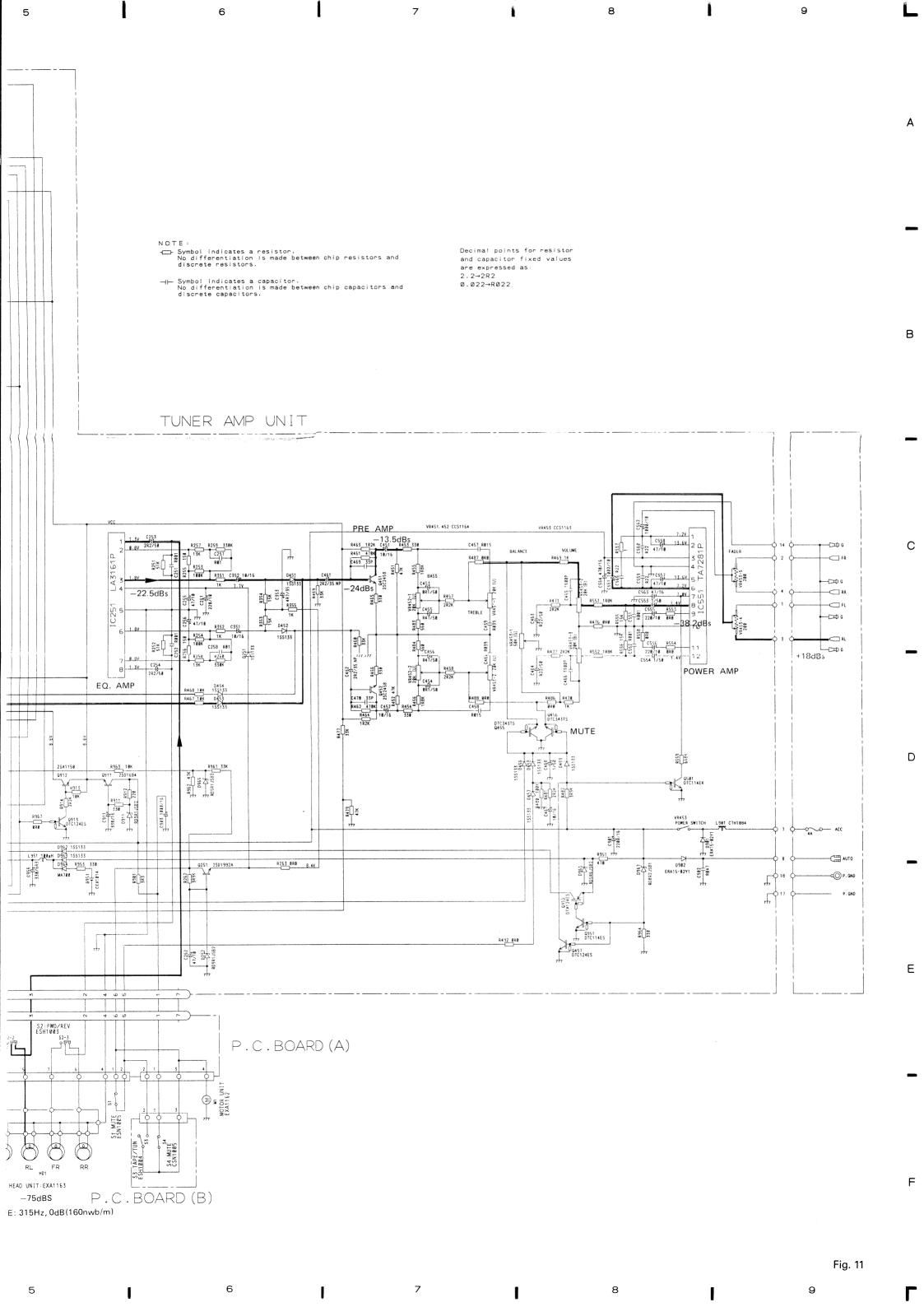


8

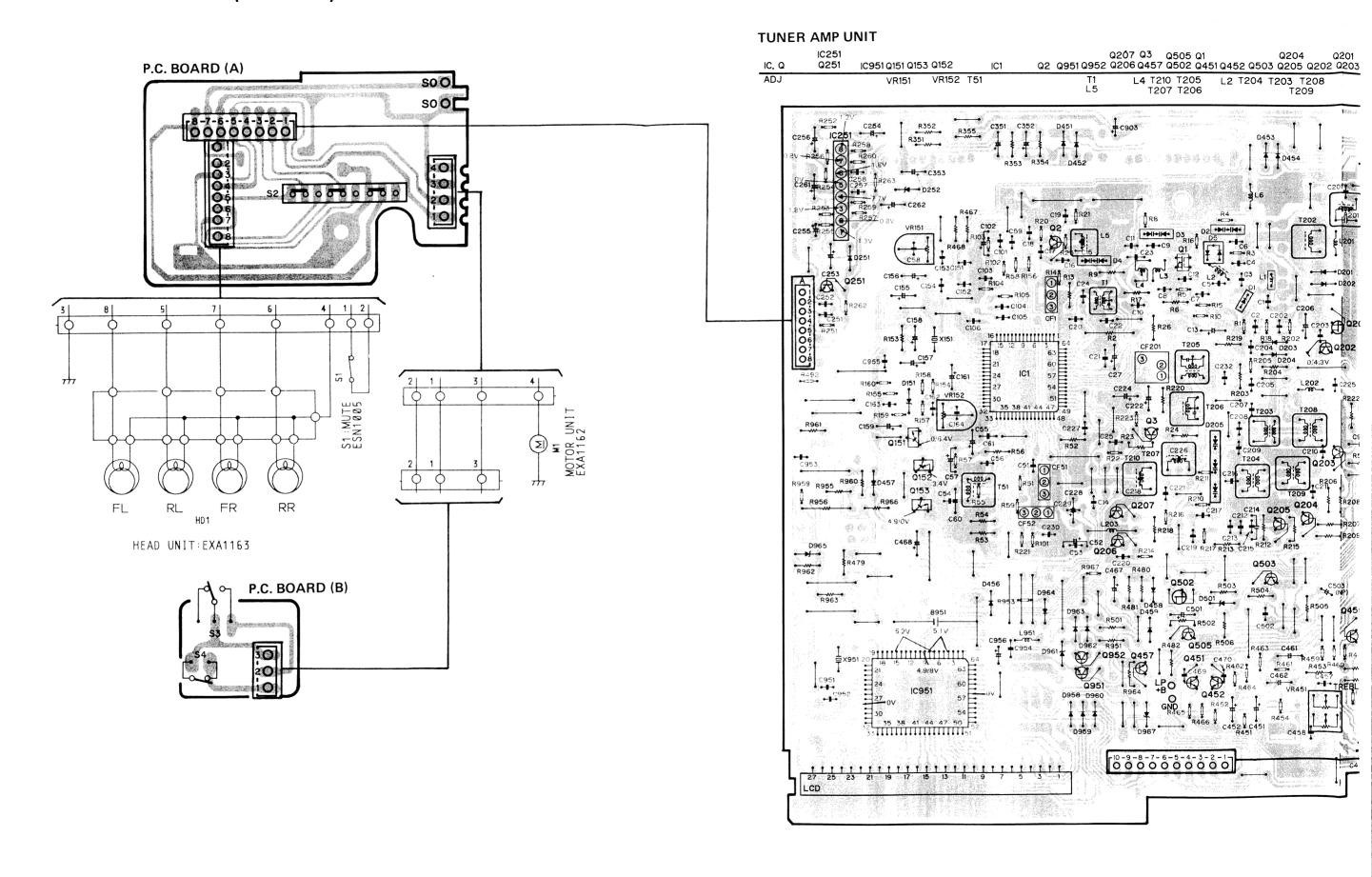
KE-2700SDK

Fig. 10 25

KE-2700SDK 10. SCHEMATIC CIRCUIT DIAGRAM (KE-2730B) C216 R822 5227 AMVCO RF AMP SMETER Q283. 284: 2SC 2458 R289 568 C217 R822 CF51 CTF1138 ØT51\_CTC1868 4.9V/8V53 IC1 PACØØ1A FM/MW/LW TUNER <sub>11</sub> Ø RF AMP С P 158K (B) R6 47K CB R822 C23 R839 22 22 33.6 R16 478K 25C7458 LOOP FILTER C582 R81 2 R585 C583 L951 188 #H R955 47K C953 R847 Ε 22 MS OUT
23 SEEK
24 X0
25 XI 60 S 2 : FW: E SH10P SYSTEM CONTROLLER 27 PEE 28 Loc1 29 DK OUT 30 (LCD25) COM1 LCD0 /KS0 54 LCD1 /KS1 7KS6 7KS5 7KS4 53 LCD2 /KS2 D958 155133 RL F P.SCAN HEAD UNIT: EXA1 D959 155133 -75 dBSM5 IL981, 982:CEL1813 IL983:CEL1168 TEST TAPE: 315Hz, 0c LCD CAW1 097 KEYBOARD UNIT 26 1



# 11. CONNECTION DIAGRAM (KE-2730B)





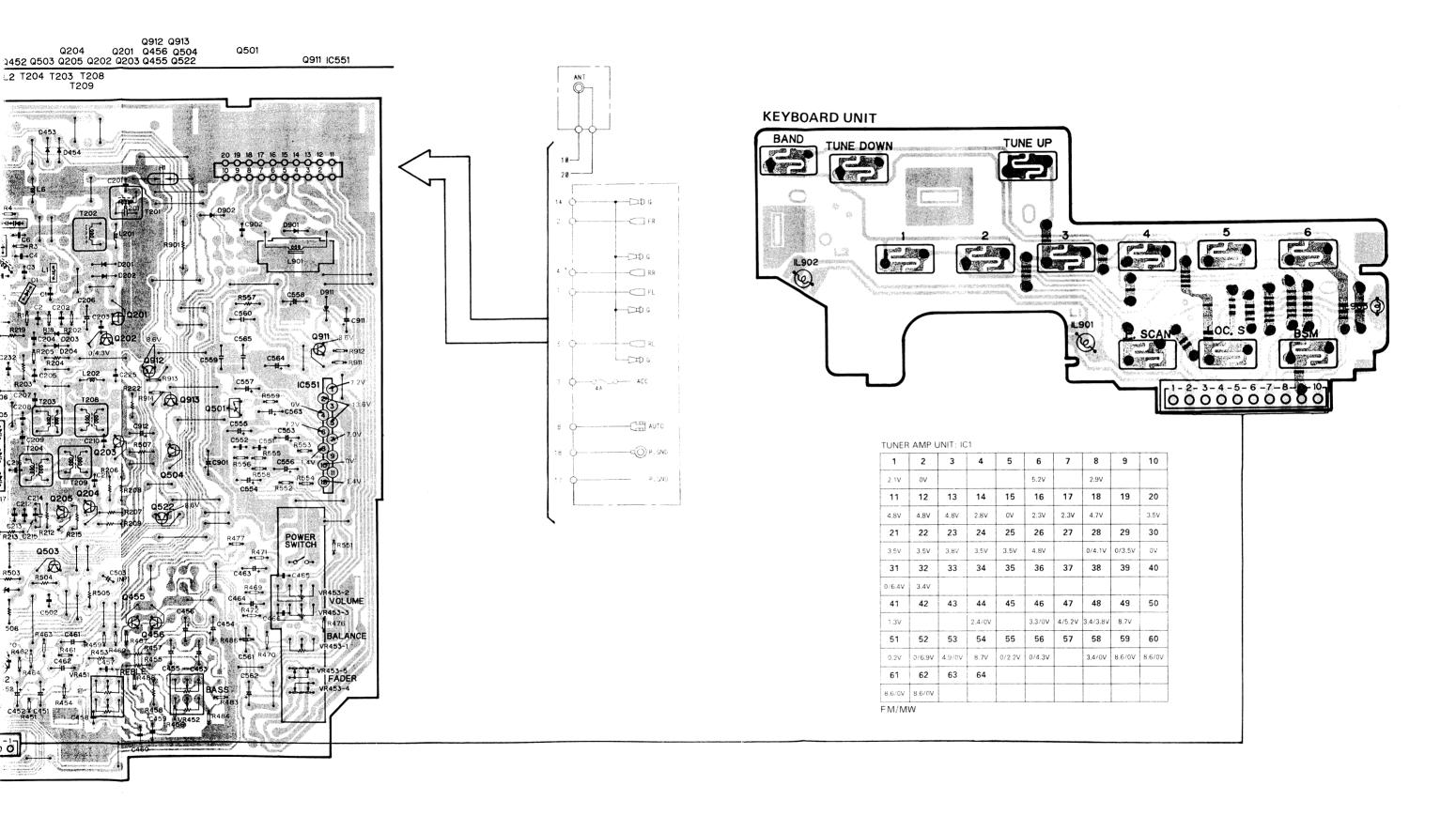
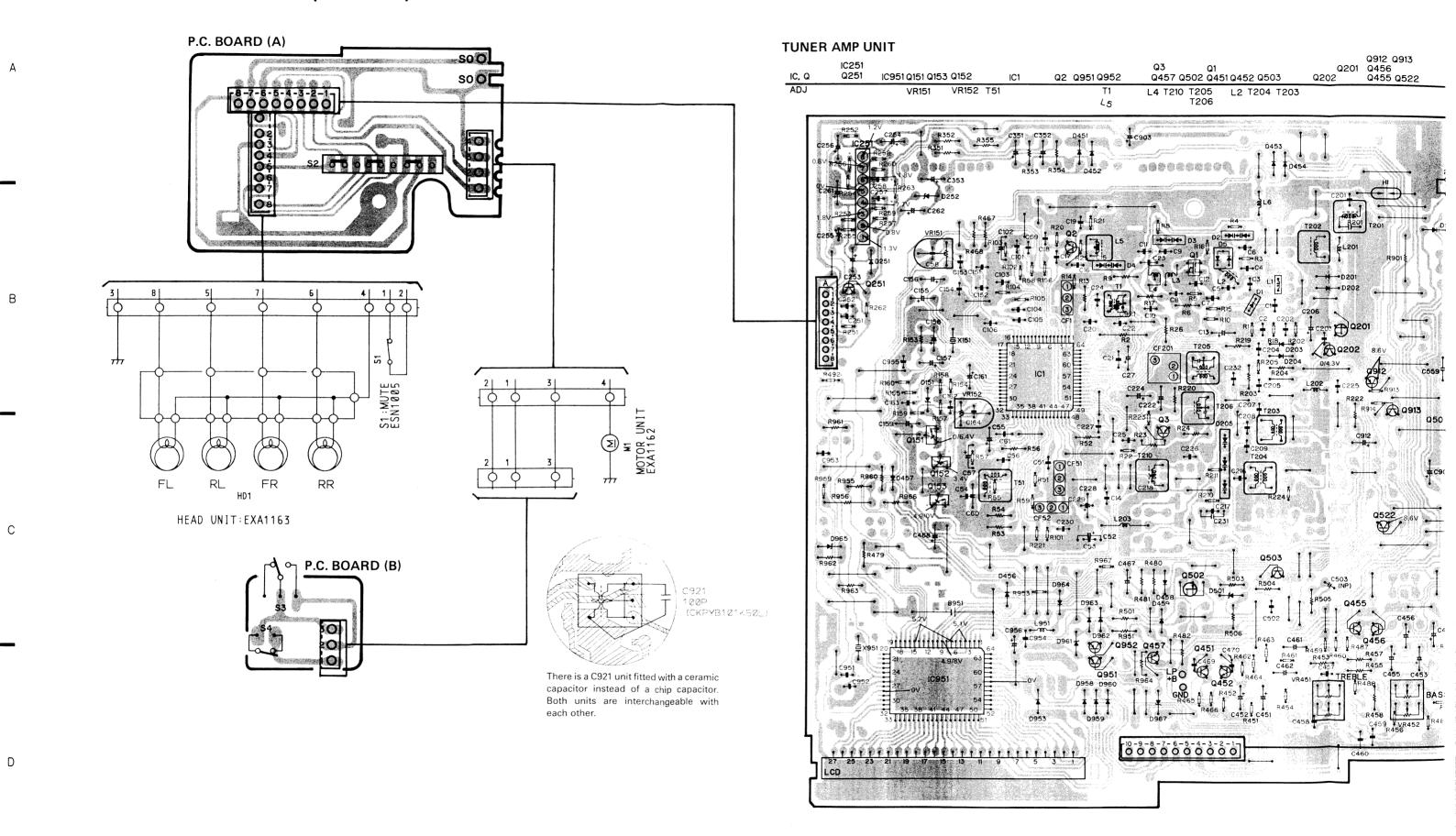


Fig. 12

)

KE-2700SDK

12. CONNECTION DIAGRAM (KE-2700B)



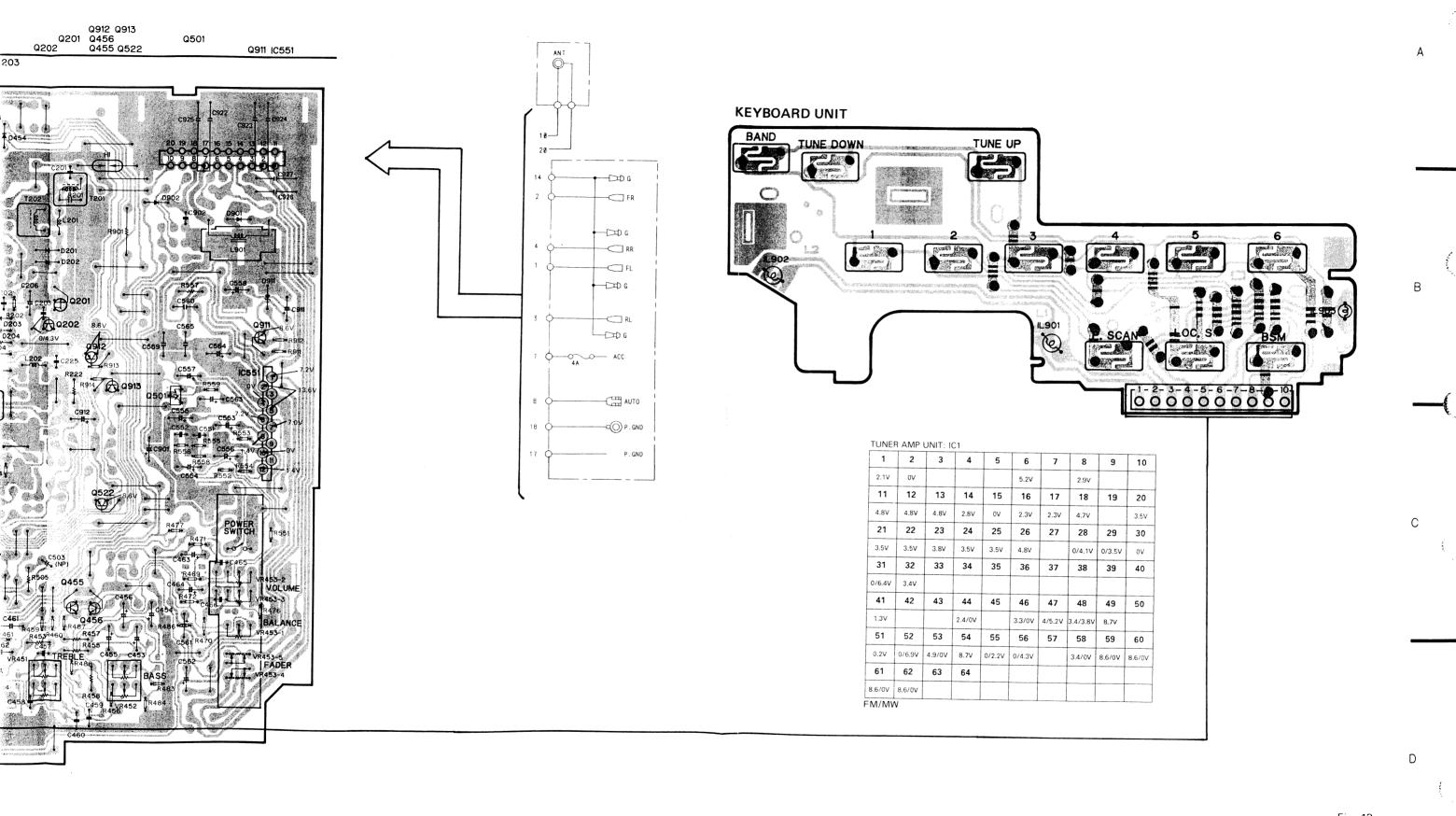


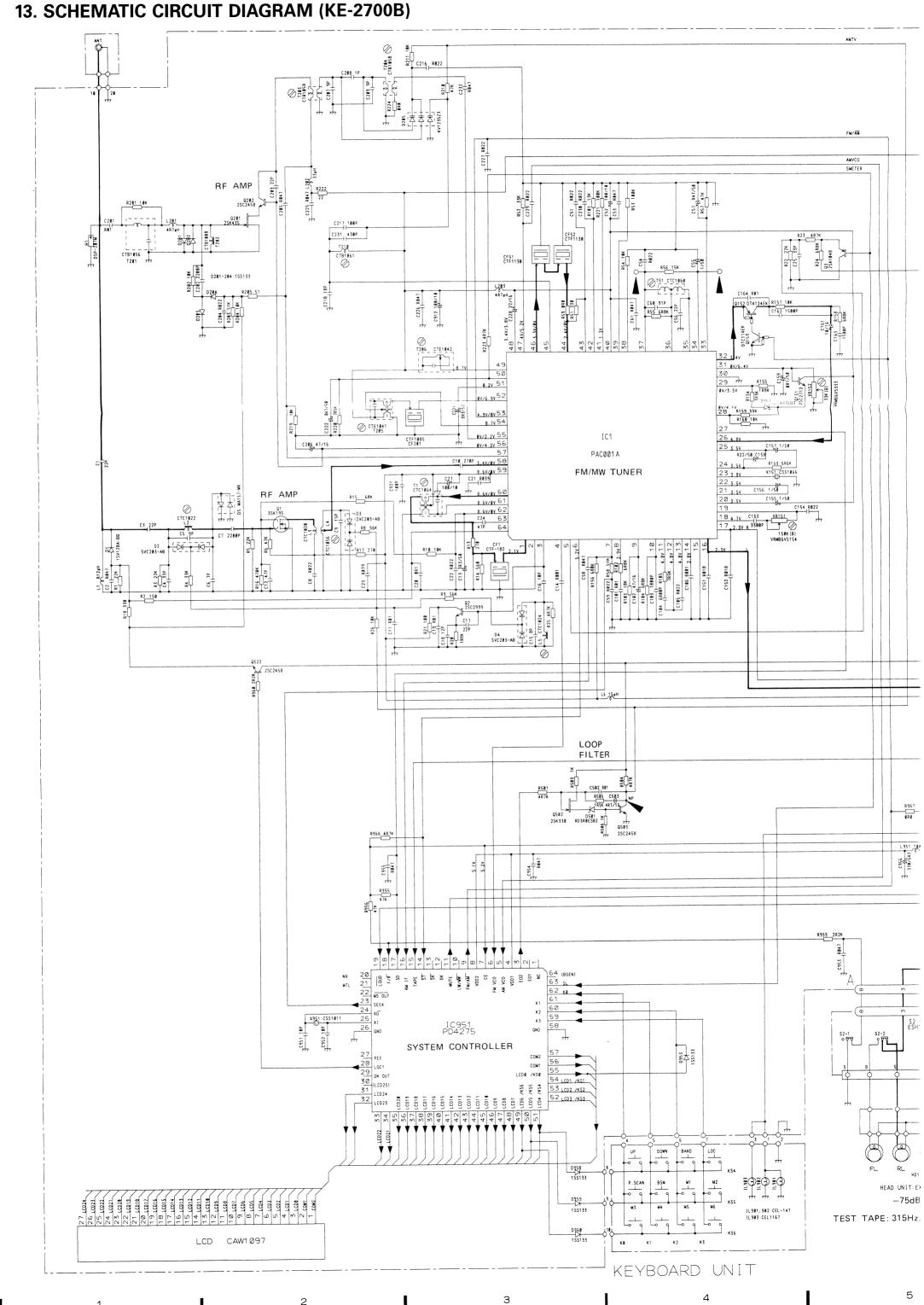
Fig. 13

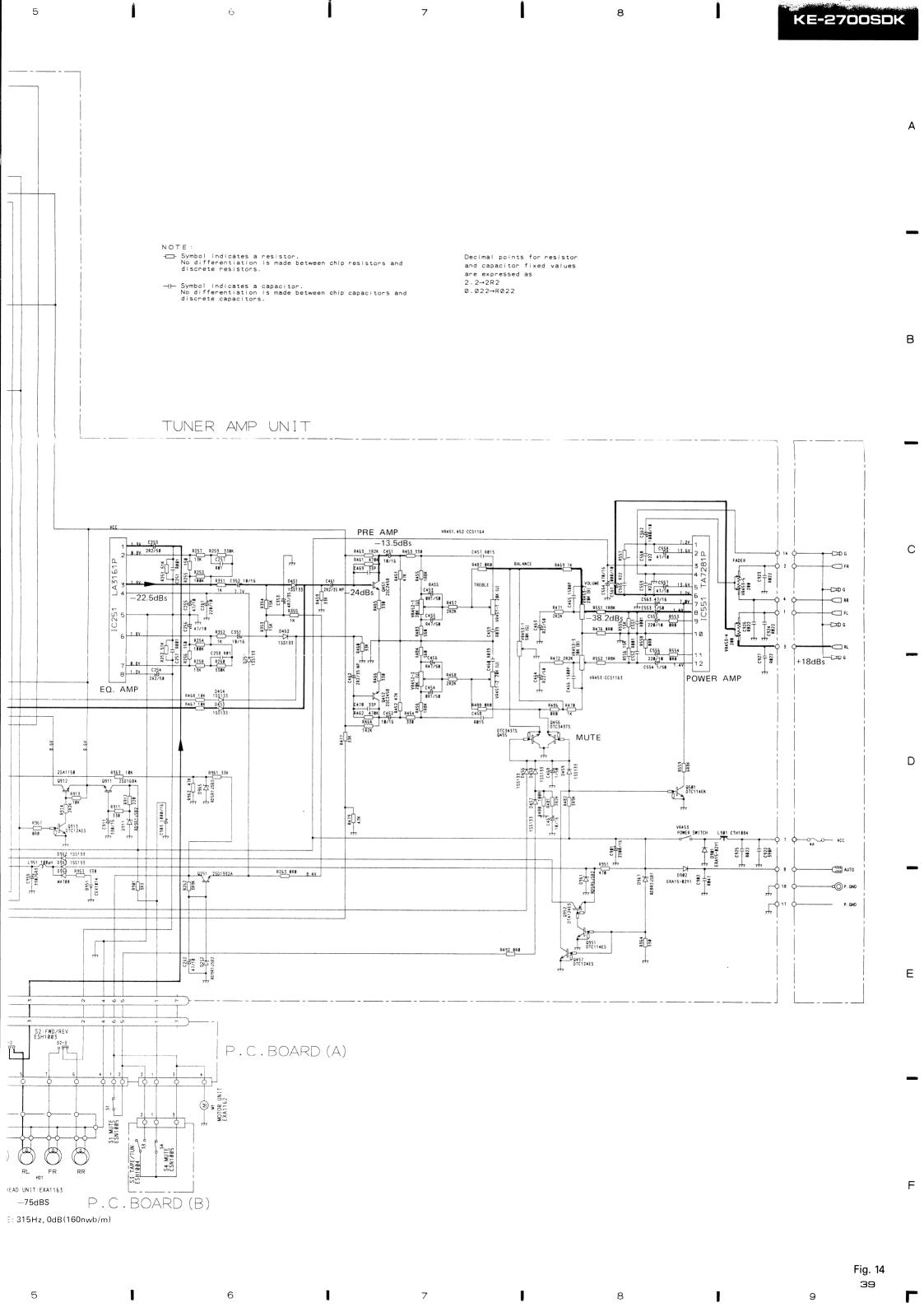
В

С

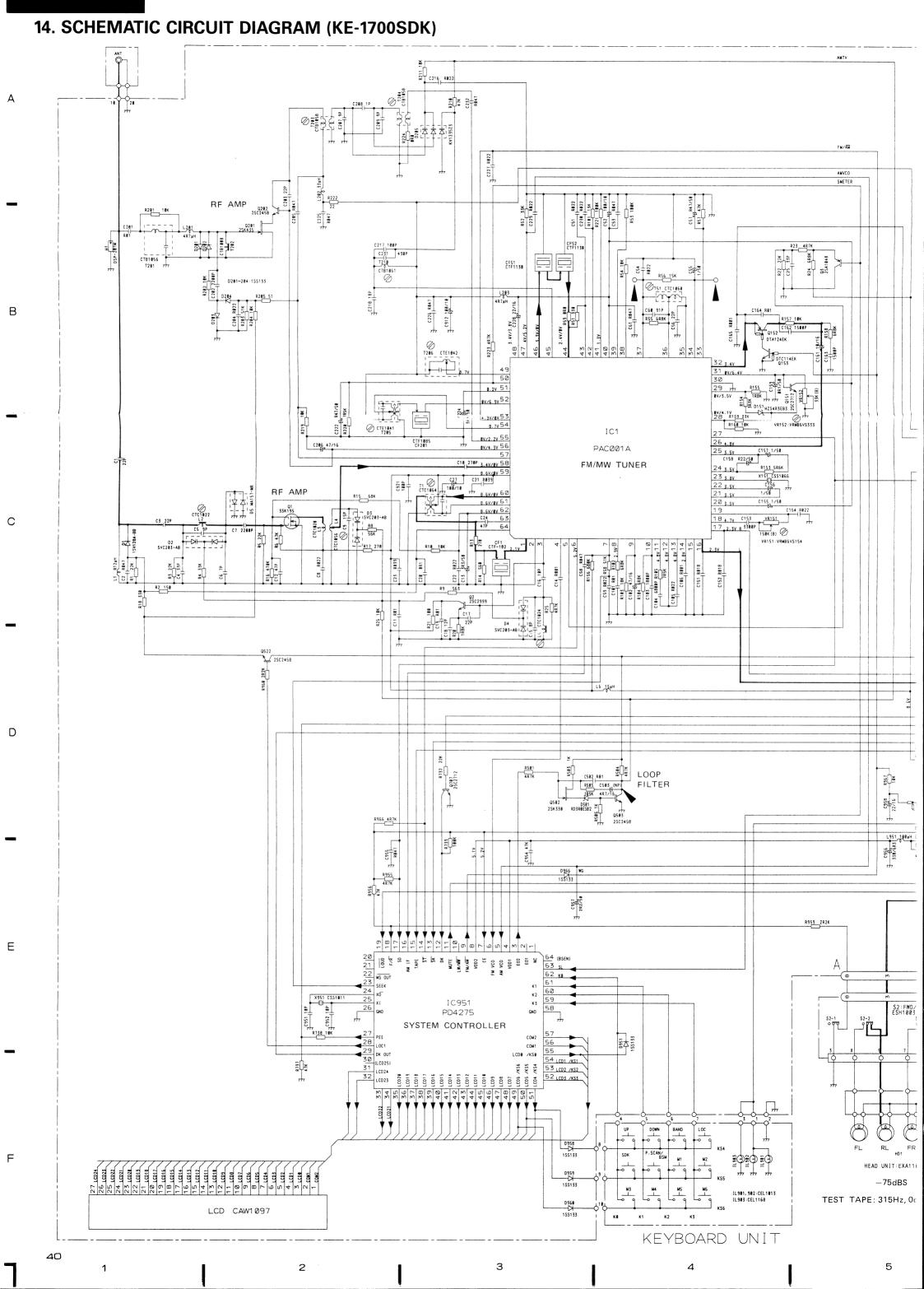
D

Ε





KE-2700SDK



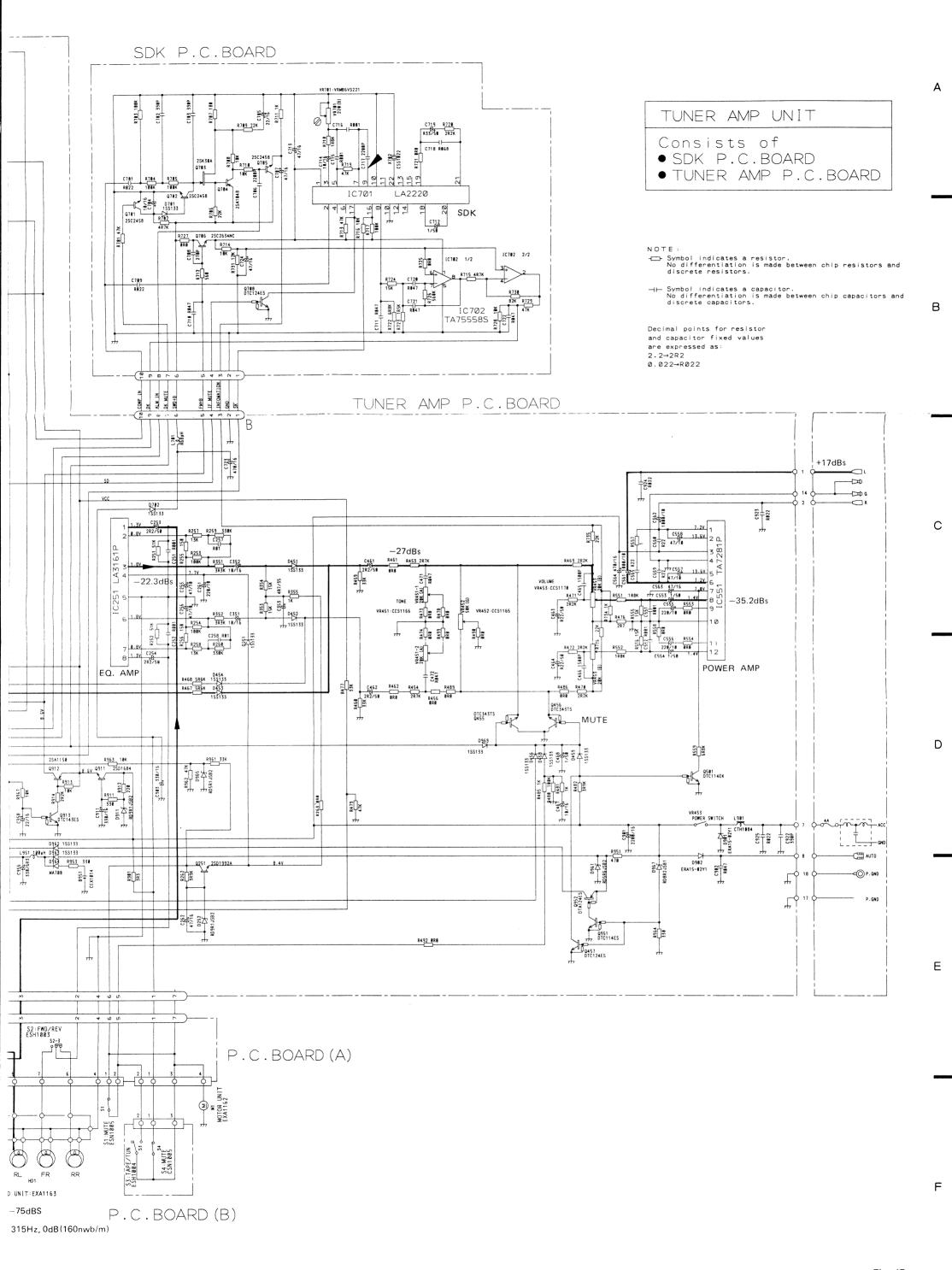
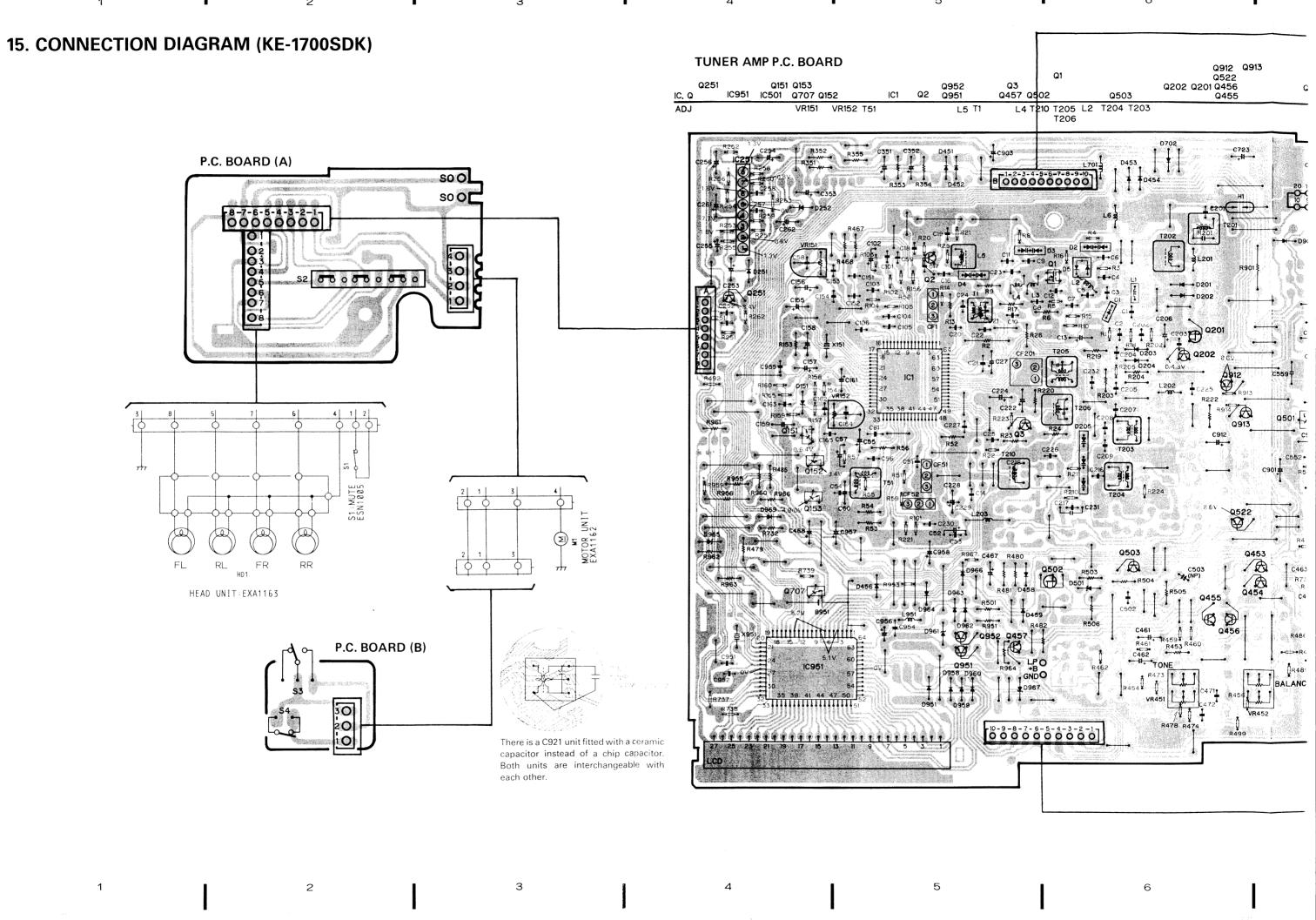
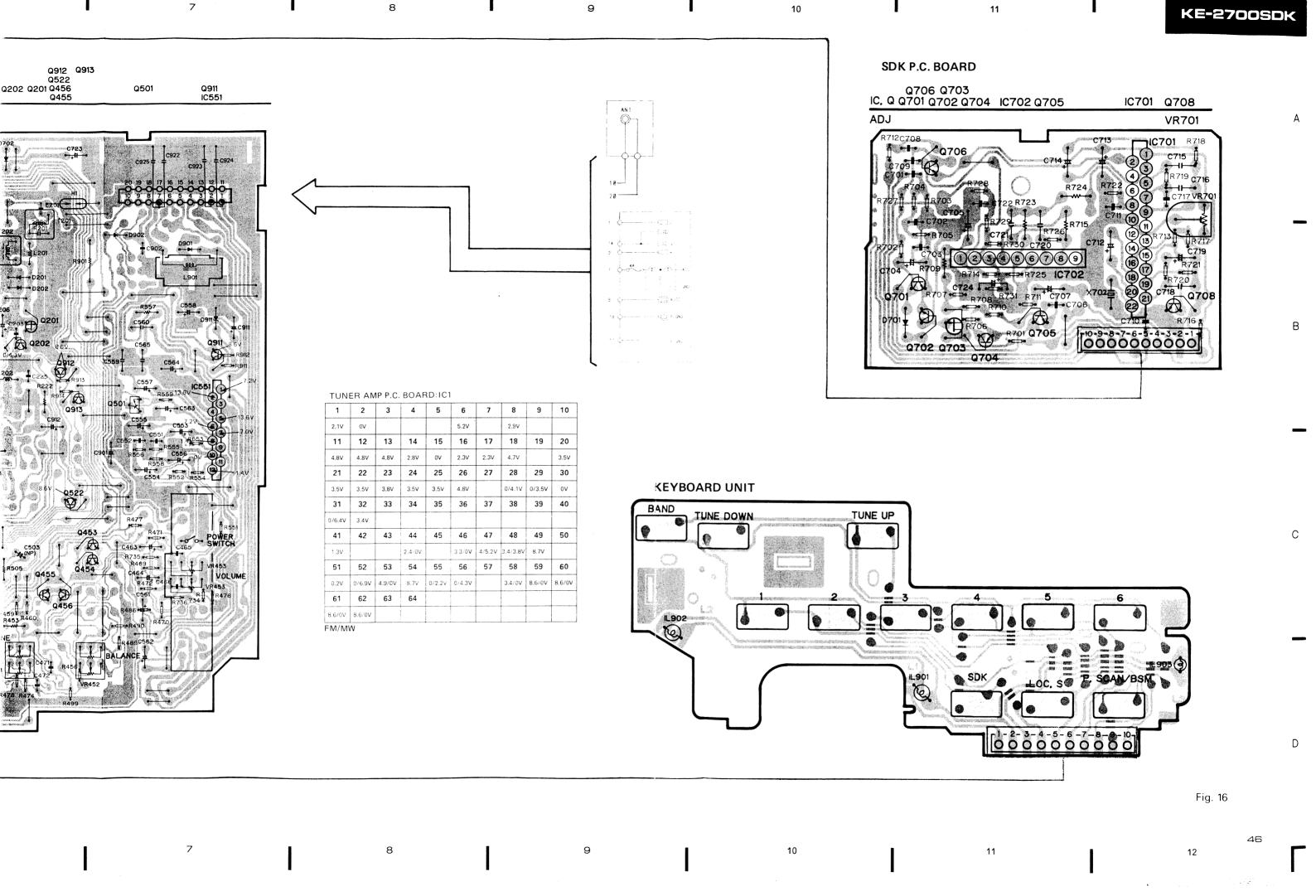


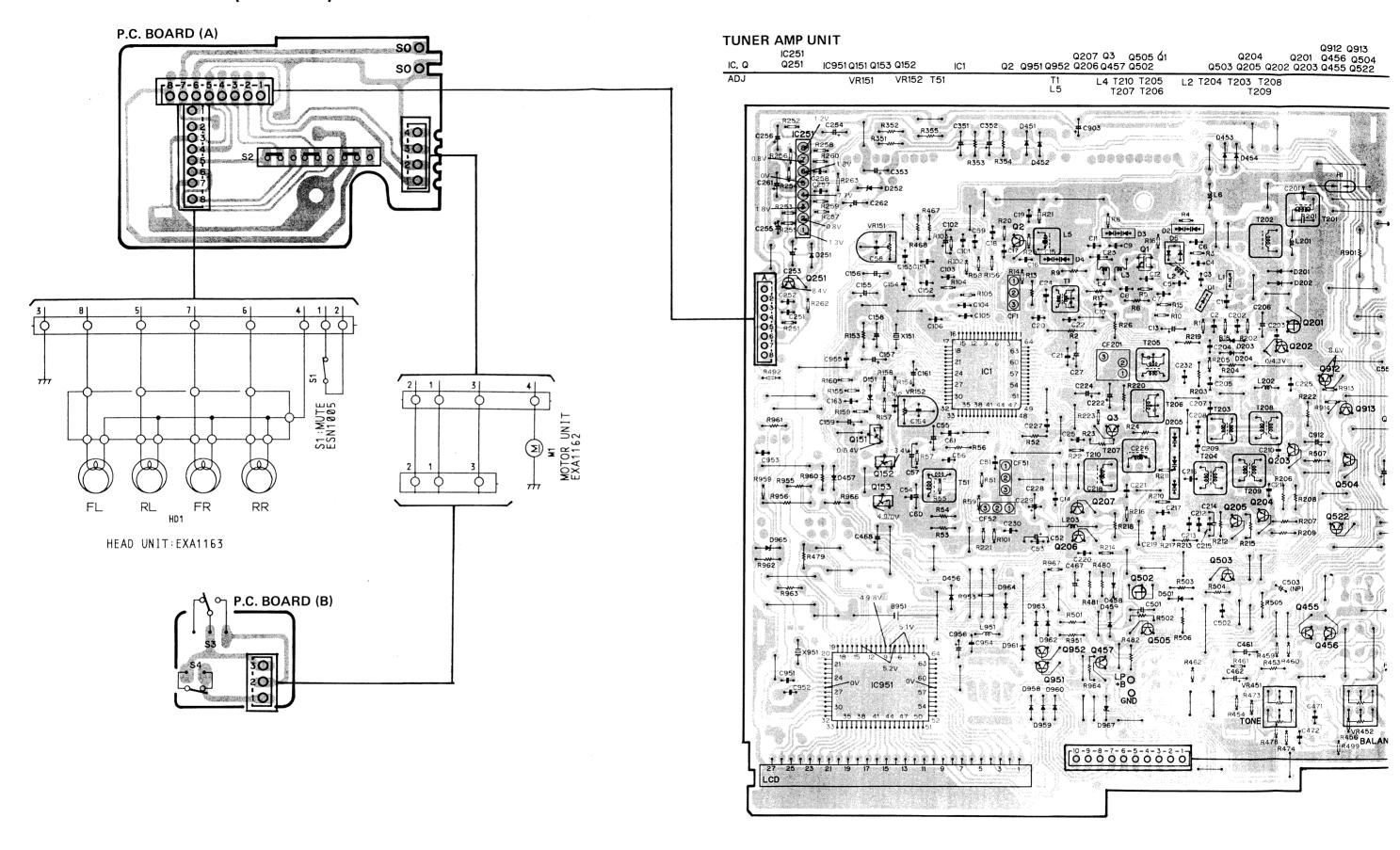
Fig. 15





KE-2700SDK

16. CONNECTION DIAGRAM (KE-1730B)



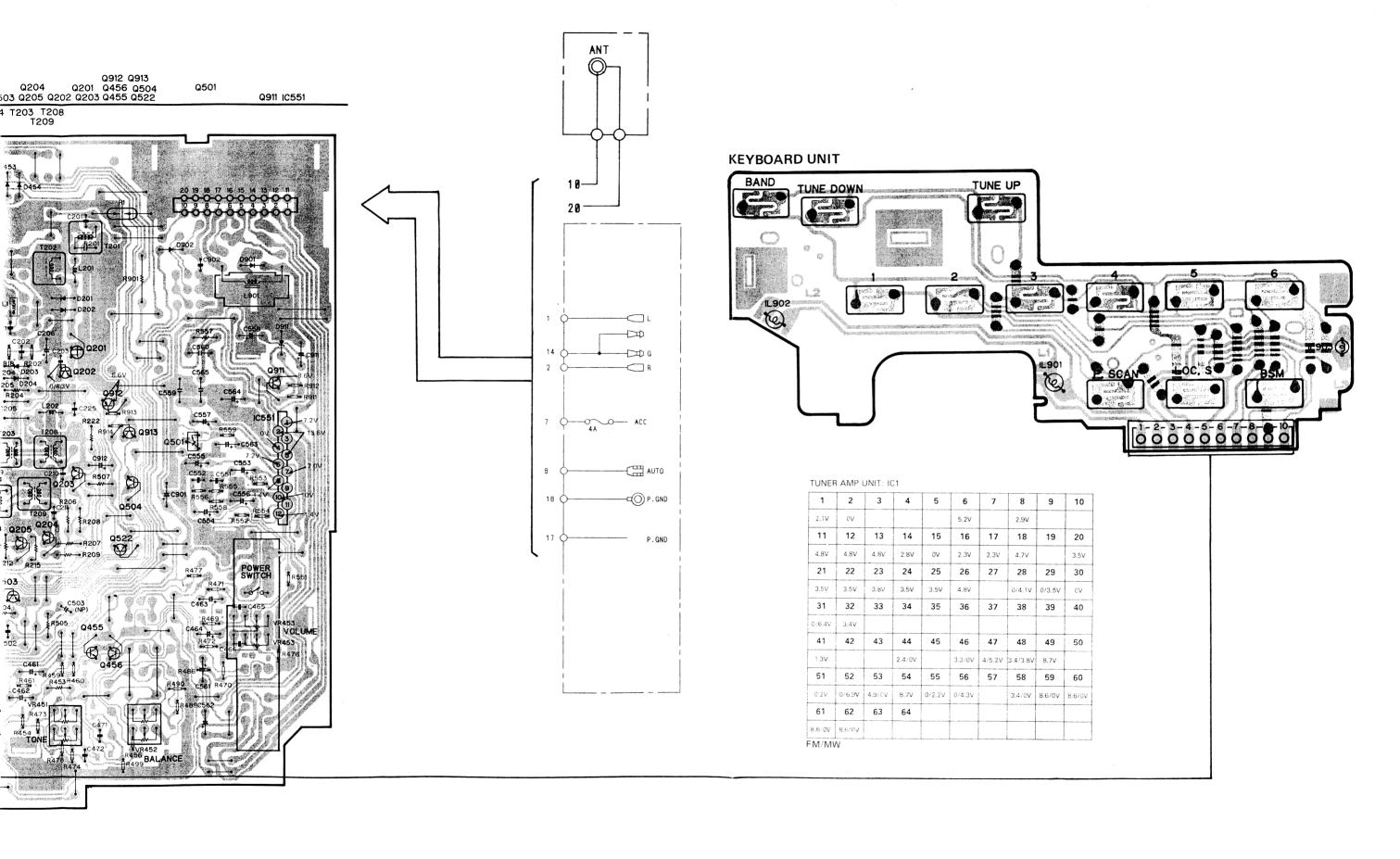


Fig. 17

11

7 8 9 10 11

# 17. SCHEMATIC CIRCUIT DIAGRAM (KE-1730B)

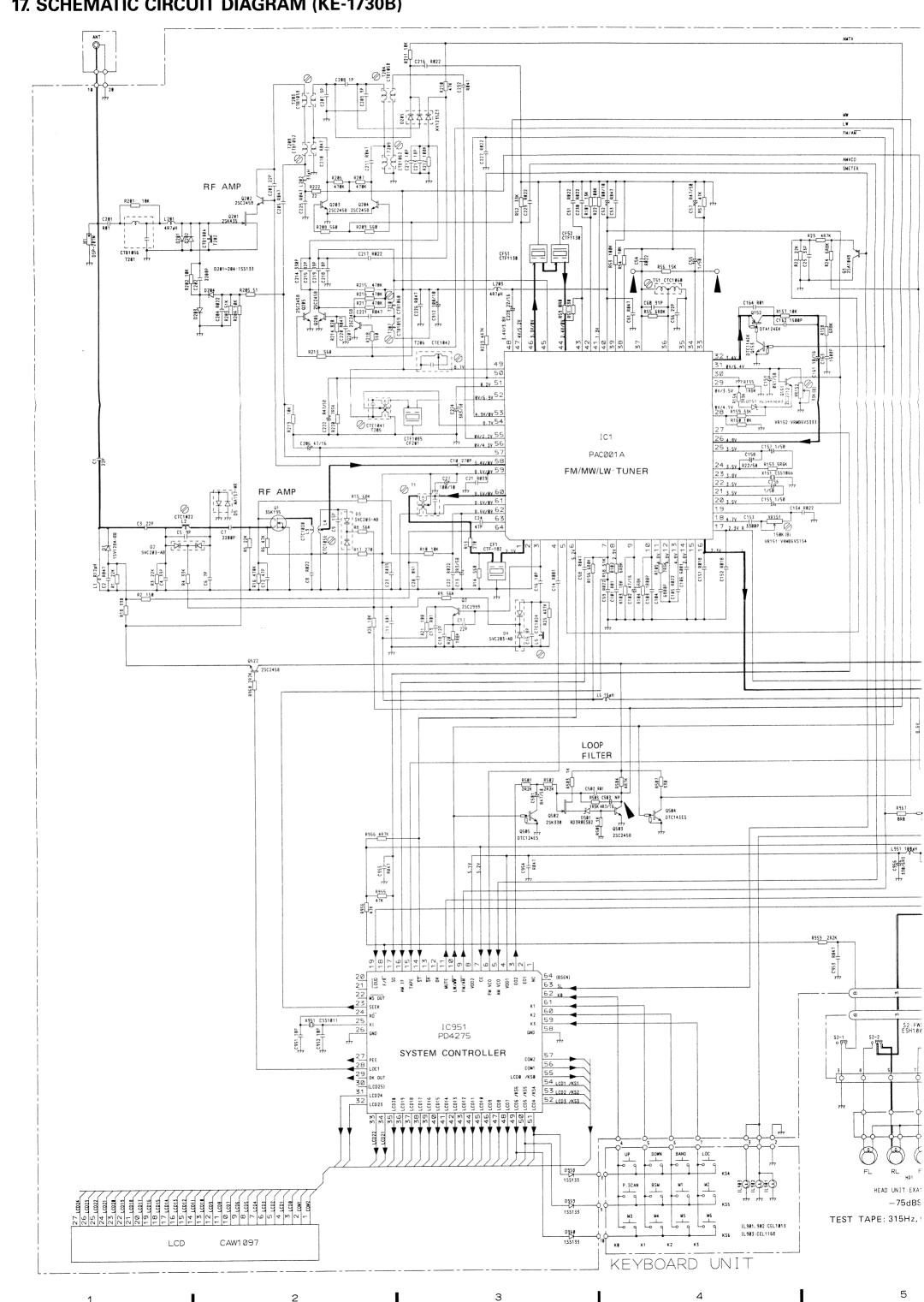
1

В

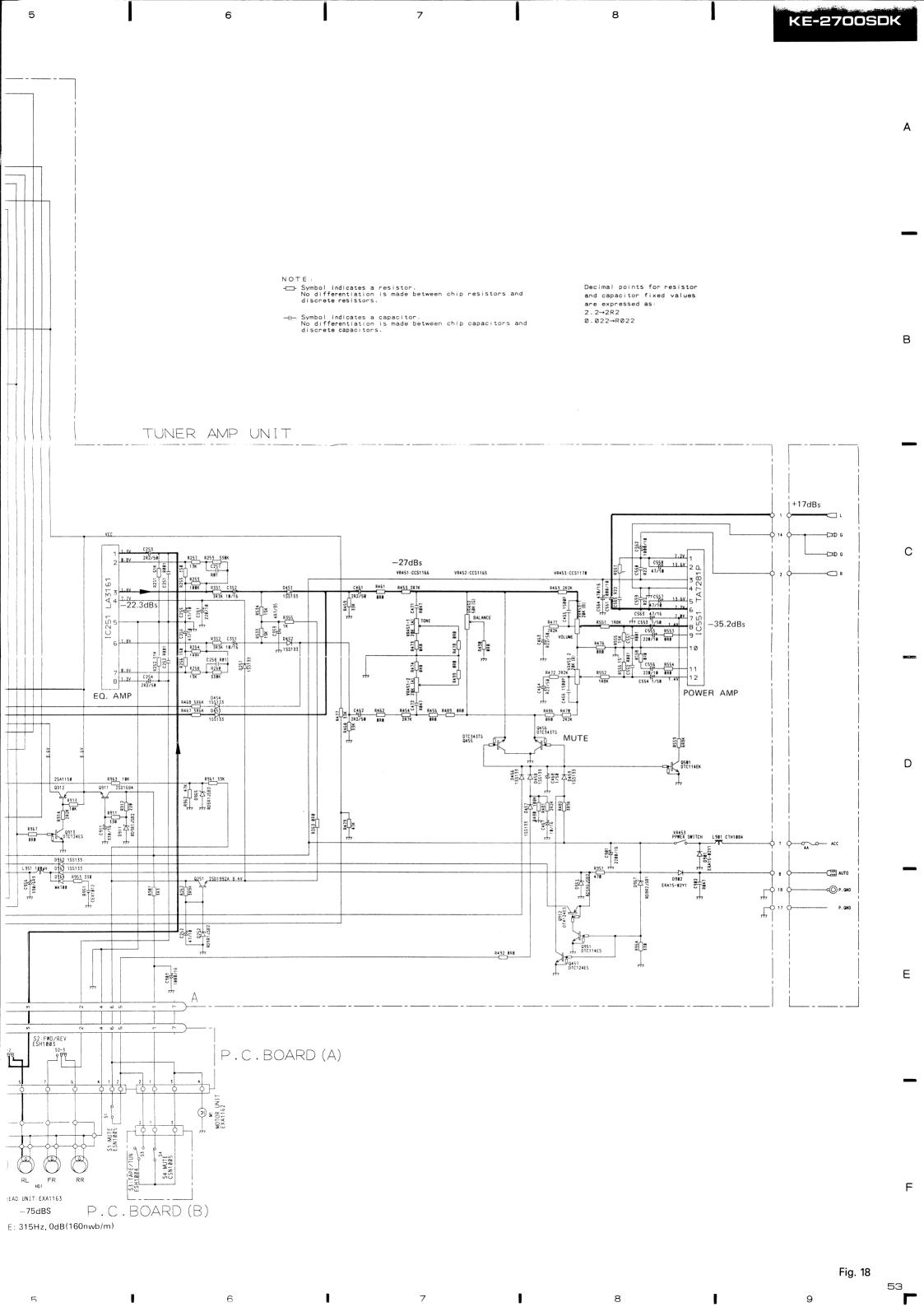
С

D

Ε



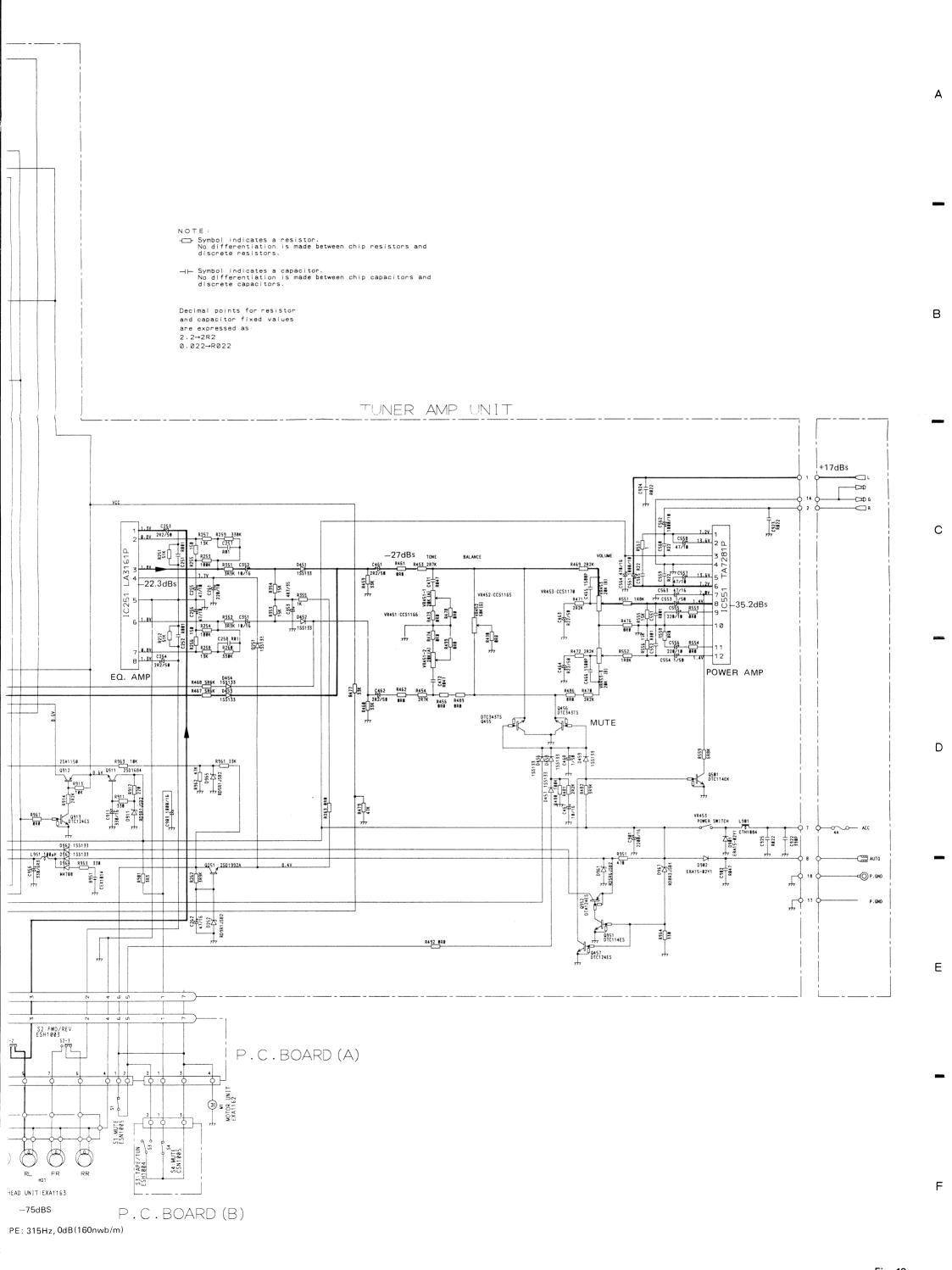
3



KE-2700SDK 18. SCHEMATIC CIRCUIT DIAGRAM (KE-1700B) \$ C227, R822 RF AMP CF52 CTF1138 Q3 25A1848 48 3.473.89 47 475.24 46 C226 R847 C912 188/18 C61 R847 В 0.2y 51 Ø CTE1841 IC1 C286 47/16 PACØØ1A FM/MW TUNER T1 0 CTC1864 RF AMP 35K195 D3 3-AB

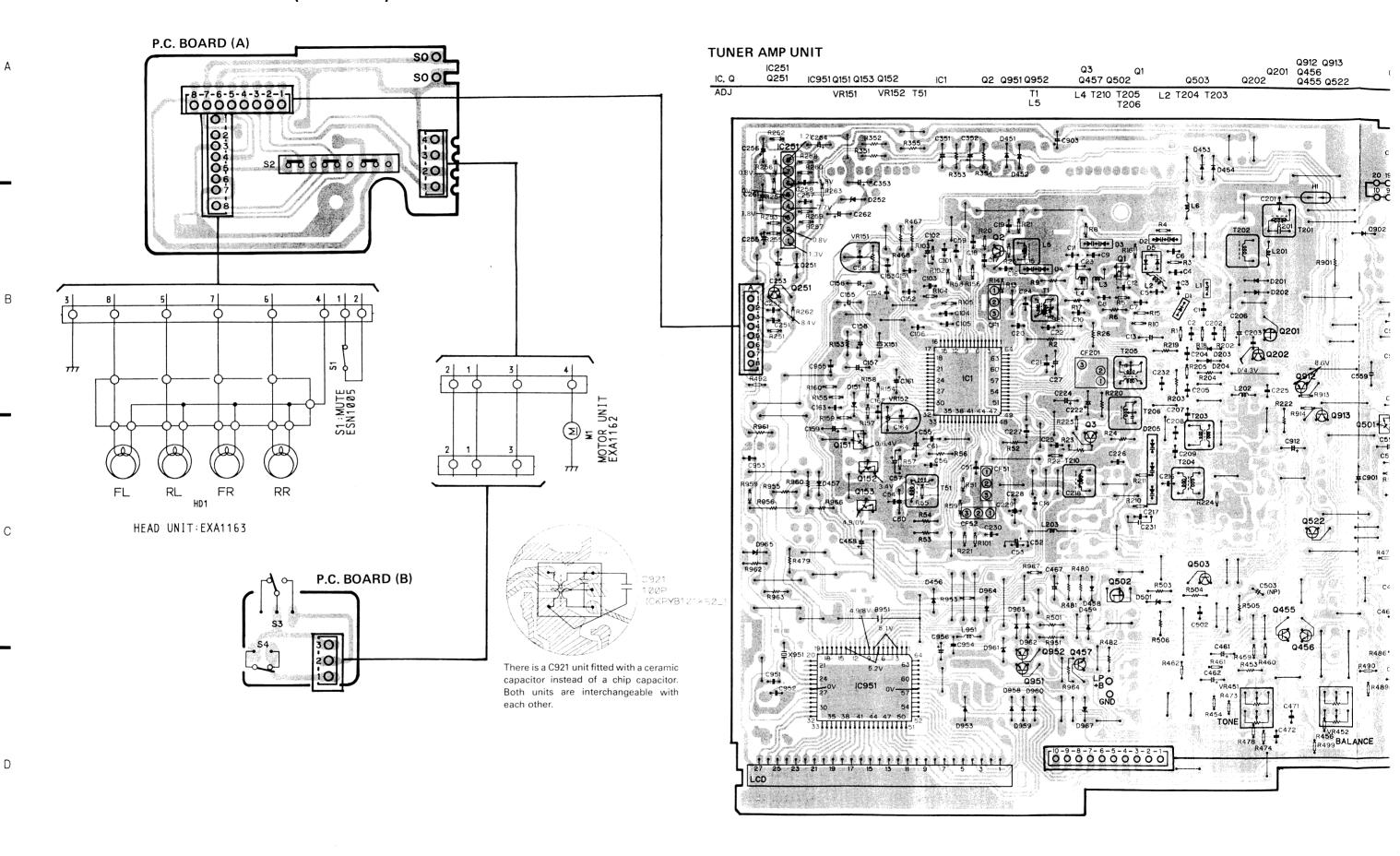
S | R8

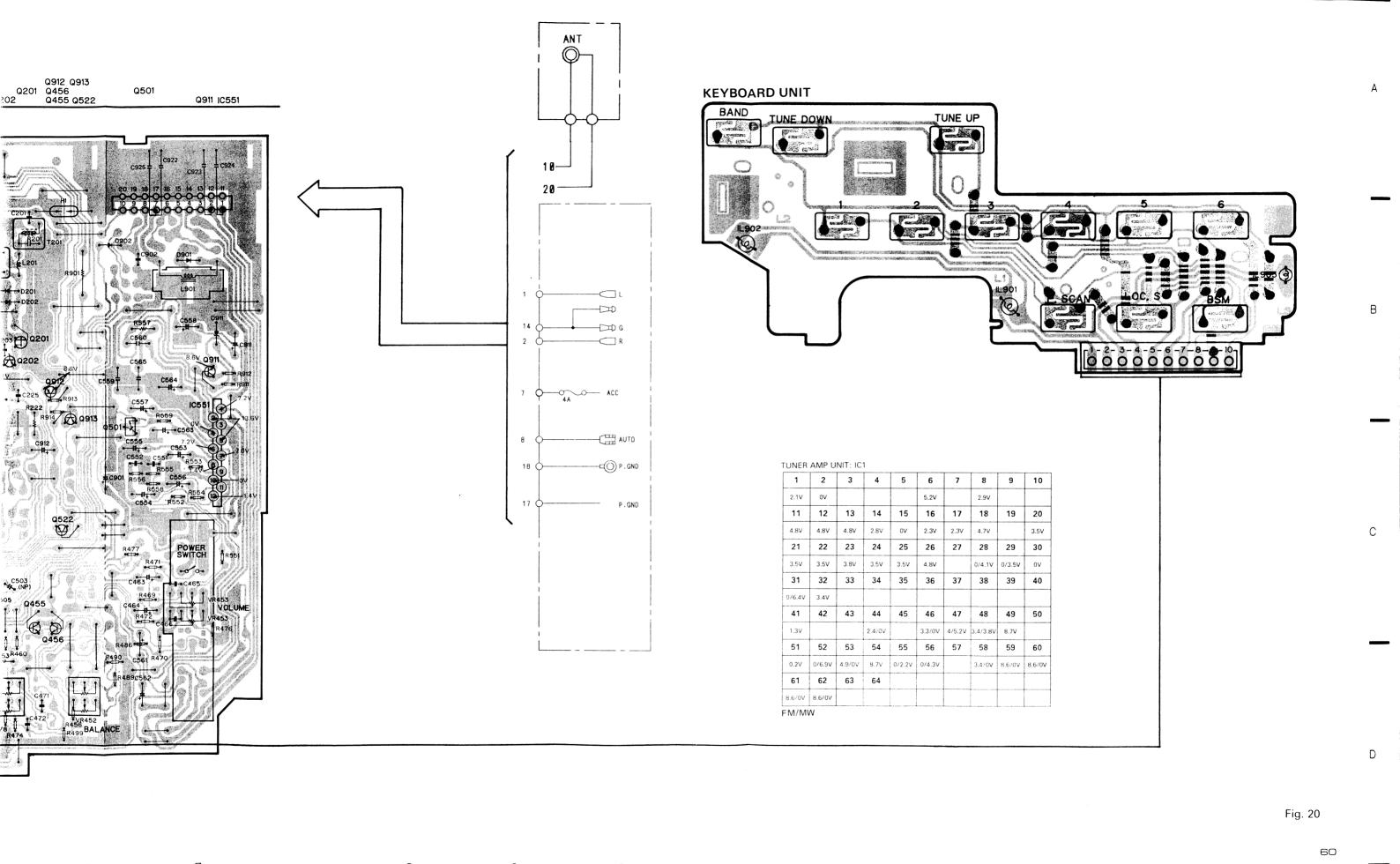
| S | R8 18 4.7y C153 C8 R822 C151 R818 C582 R81 C583 (NP) LOOP FILTER 1984 H 1262 47K Ε 2 (953 62 KB 60 X951 CSS1811 IC951 26 GND S2:FWD ESH100 PD4275 SYSTEM CONTROLLER COM2 0953 155133 28 Loc1 29 DK OUT 30 (LCD25) LCD8 /KS8 54 LCD1 /KS1 31 LCD24 53 LCD2 /KS2 32 LC023 RL HD1 M2 F P. SCAN HEAD UNIT: EXA1: -75dBS TEST TAPE: 315Hz, LCD CAW1 097 KEYBOARD UNIT 3



8

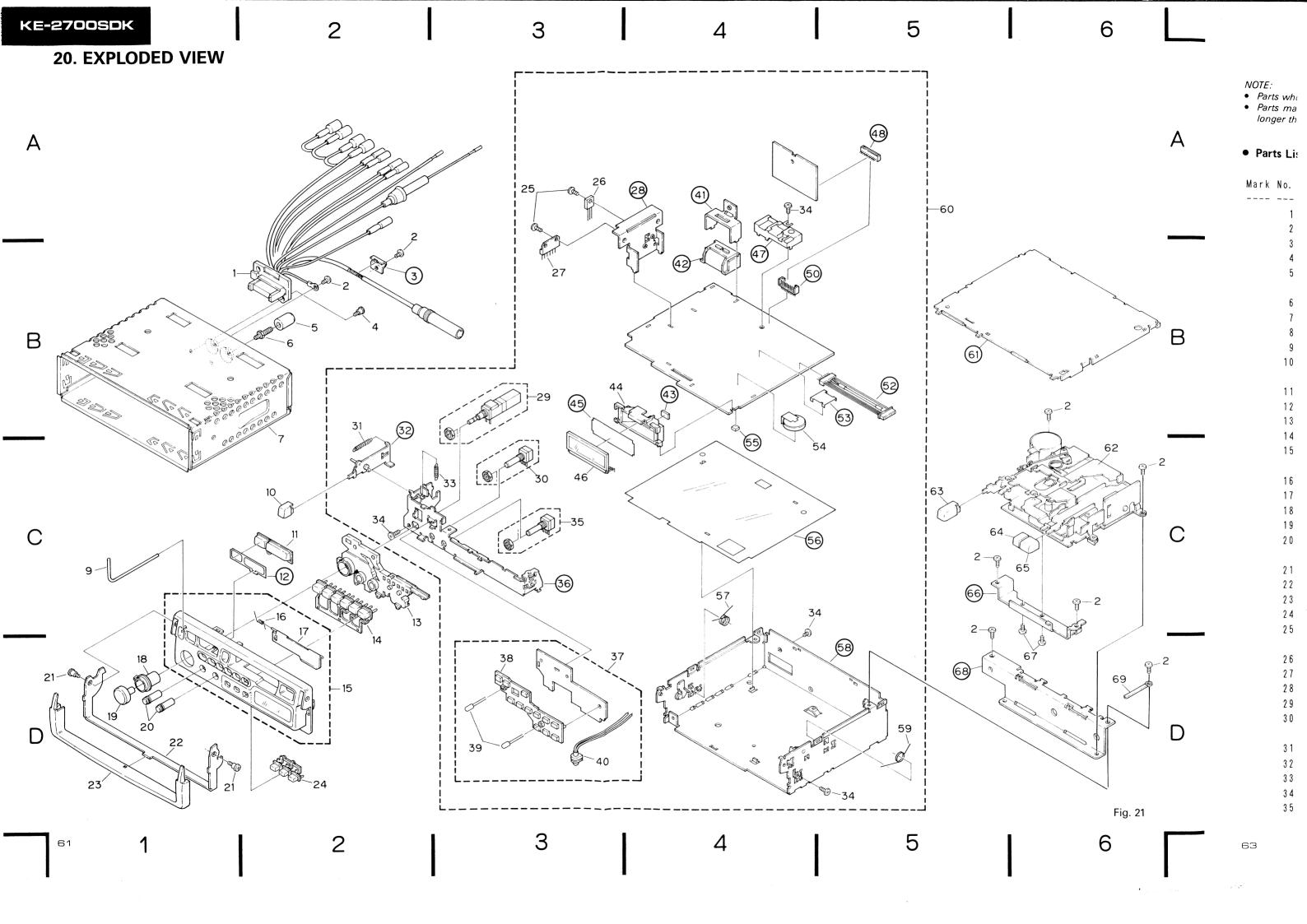
Fig. 19





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KE-2700SDK



- NOTE:

   Parts whose parts numbers are omitted are subject to being not supplied.

   Parts marked by "●" are not always kept in stock. Their delivery time may be longer than usual or they may be unavailable.

## • Parts List (KE-2700SDK/WG)

Mark No.	Description	Part No.	Mark	N o.	Description	Part No.
1	Cord Assy	CDE3289		36	Holder Unit	
	Screw	BSZ30P060FMC	•		Key Board Unit	CWM2370
3	Clamper				Switch	CNV2519
4	Screw	CBA1073			Lamp	CEL1013
5	Bush	CNV1009			Lamp	CEL1168
	0	0044000				
	Screw	CBA1002			Holder	
	Box	CNB1358			Connector	
		0101004			Spacer	01110504
	Shaft				Holder	CNV2521
10	Button (QR EJECT)	CAC2348		4 5	Plate	
11	Button (BAND/TUNE)	CAC2544		46	LCD	CAW1097
12	Spacer			47	Case	
13	Lens	CNV2518		48	Connector	
14	Button (1 — 6)	CAC2670		49	••••	
15	Grille Unit	CXA3760		50	Plug	
16	Spring	CBH1397		51	••••	
	Door	CAT1307			Connector	
		CAA1233			Shield	
	Knob (VOLUME)				Battery	CEX1014
	Knob (BASS/TREBLE)				Cushion	O E X T O T T
	Screw	CBA1165			Insulator	
	Handle	C N C 3 2 6 2			Spring	CBH1374
	Cover	CNV2520			Chassis Unit	
	Button	CAC2671			Spring	CBH1366
2 5	Screw	BSZ30P080FMC	•	60	Tuner Amp Assy	CWM2 463
26	Transistor	2SD1684		6 1	Case	
27	IC	TA7281P	•	62	Cassette Mechanism	EXK1710
28	Heat Sink				Assy	
29	Volume (VOLUME)	CCS1163		63	Button (EJECT)	CAC2545
3 0	Volume (BASS)	CCS1164		6 4	Button (REW)	CAC2547
2.1	Coring	CDU1247		¢ E	D., + + / [ [ ]	CAC2546
	Spring	CBH1347			Button (FF)	CAC2546
	Lever Unit	0011 046			Bracket	DW716D040CW0
	Spring	CBH-846			Screw	BMZ26P040FMC
	Screw	BSZ30P055FZK			Bracket	^EE 007
ა ე	Volume (TREBLE)	CCS1164		09	Clamper	CEF-007

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#### NSP:Non Spare Part

Mark	No.	Description	KE-2700SDK /WG Part No.	KE-2730B /EW Part No.	KE-2700B /IT Part No.	KE-1700SDK /WG Part No.	KE-1730B /EW Part No.	KE-1700B /IT Part No.
	1	Cord Assy	CDE3289	CDE2975	CDE2975	CDE3290	CDE2978	CDE2978
	15	Grille Unit	CXA3760	CXA3758	CXA3759	CXA3766	CXA3764	CXA3765
	18	Knob (FADER)	CAA1233	CAA1233	CAA1233			
	29	Volume (VOLUME)	CCS1163	CCS1163	CCS1163	CCS1170	CCS1170	CCS1170
	3 0	Volume (BASS)	CCS1164	CCS1164	CCS1164	CCS1165	CCS1165	CCS1165
	3 5	Volume (TREBLE)	CCS1164	CCS1164	CCS1164	CCS1166	CCS1166	CCS1166
•	3 7	Key Board Unit	CWM2370	CWM2370	CWM2480	CWM2370	CWM2370	CWM2480
	39	Lamp	CEL1013	CEL1013	CEL-147	CEL1013	CEL1013	CEL-147
	40	Lamp	CEL1168	CEL1168	CEL1167	CEL1168	CEL1168	CEL1167
	48	Connector	NSP (A)	• • • • •	••••	NSP (A)	• • • • •	• • • • •
	50	Plug	NSP (A)			NSP (A)		
	54	Battery	CEX1014	CEX1014	CEX1014	CEX1012	CEX1012	CEX1012
	58	Chassis Unit	NSP (A)	NSP(B)	NSP(B)	NSP(C)	NSP (B)	NSP(B)
•	60	Tuner Amp Assy	CWM2463	CWM2475	CWM2460	CWM2484	CWM2478	CWM2481
	6 1	Case	NSP (A)	NSP(B)	NSP (A)	NSP (A)	NSP (B)	NSP(A)

# 21. PACKING METHOD

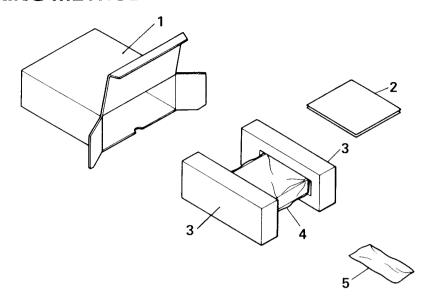


Fig. 22

#### Parts List

			KE-2700SDK /WG	KE-2730B /EW	KE-2700B /IT	KE-1700SDK /WG	KE-1730B /EW	KE-1700B
Marl	k No.	Description	Part No.	Part No.	Part No.	Part No.	Part No.	Part No
	1	Carton	CHG1857	CHG1856	CHG1858	CHG1861	CHG1860	CHG1862
*	2 – 1	Owner's Manual	CRD1400	CRD1398	CRD1399	CRD1400	CRD1398	CRD1399
	2-2	Card						
	2 - 3	Caution Card						
	2 – 4	Passport		••••	••••		••••	••••
	2 - 5	   Caution Card						
	3	Styrofoam	CHP1355	CHP1355	CHP1355	CHP1355	CHP1355	CHP1355
	4	Polyethylene Bag	CEG-162	CEG-162	CEG-162	CEG-162	CEG-162	CEG-162
*	5	Accessory Assy	CEA1584	CEA1584	CEA1584	CEA1584	CEA1584	CEA1584

<b>★</b> 5 Acces	sory Assy CEA	1584
Mark No.	Description	Part No.
5 - 1 5 - 2 5 - 3 5 - 4 5 - 5	Screw(×1) Screw(×1) Strap Bush Nut(×2)	CBA-102 CBA1002 CNF-111 CNV1009 NF50FMC
5 – 6	Shaft	CLP1064

#### \* 2-1 Owner's Manual

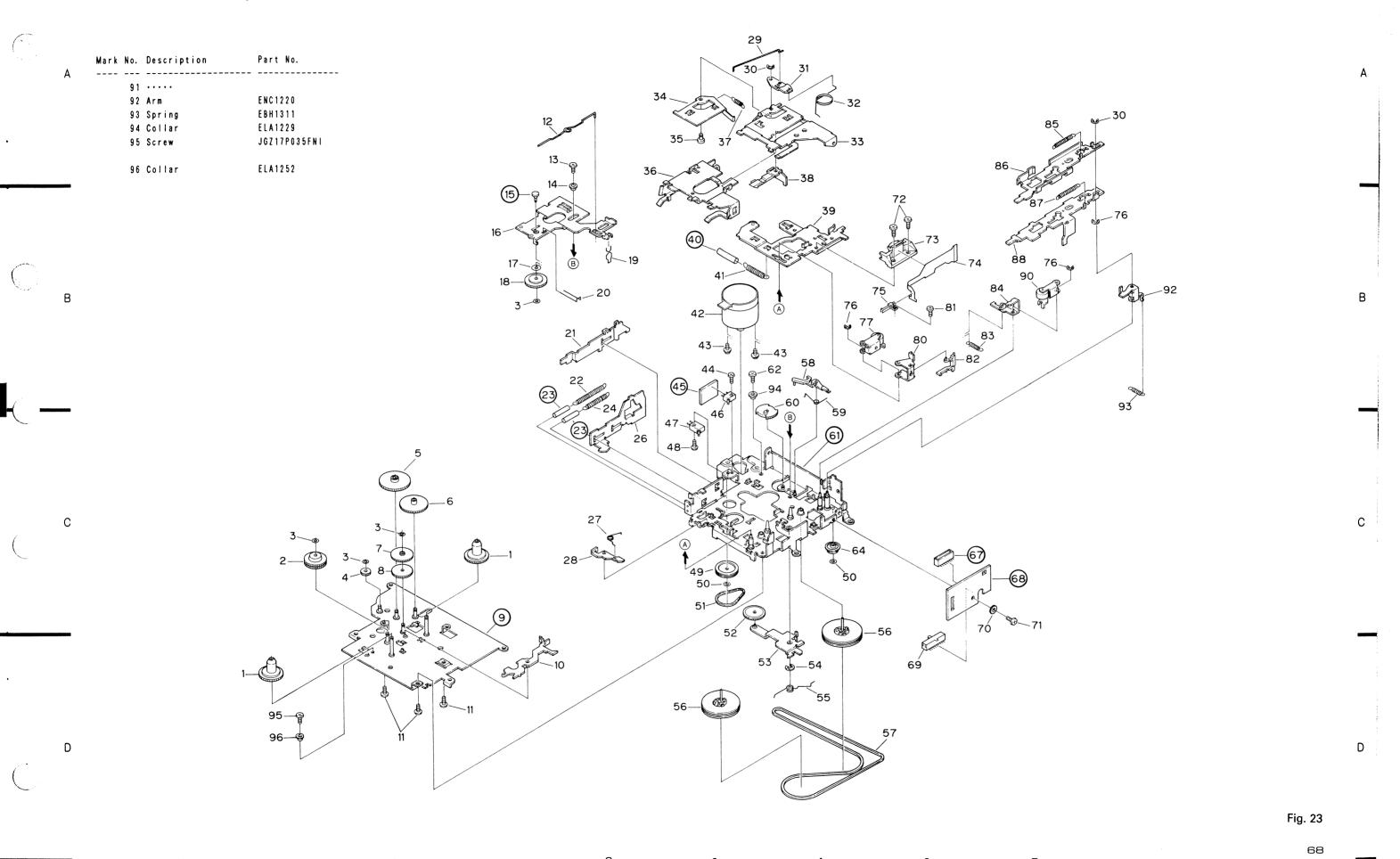
Part No.	Model	Language
CRD1400	KE-2700SDK/WG KE-1700SDK/WG	German, French
CRD1398	KE-2730B/EW KE-1730B/EW	English, French, German, Norwegian, Dutch
CRD1399	KE-2700B/IT KE-1700B/IT	English, Spanish, Italian, Finnish, Swedish, Portuguese

# 22. CASSETTE MECHANISM EXPLODED VIEW

#### • Parts List

Mark No.	Description	Part No.	Mark No.	Description	Part No.
1	Reel Unit	EXA1167	46	Switch	ESH1004
2	Gear Unit	EXA1159	47	Switch	CSN1005
3	Washer	CBF1037	48	Screw	CBA1025
4		ENV1230	49	Gear	ENV1229
5	Gear	ENV1203	50	Washer	CBF1038
·					
6	Gear	ENV1204	5 1	Belt	ENT1020
7	Gear	ENV1212	52	Gear	ENV1209
8	Gear	ENV1211	53	Arm Unit	EXA1155
9	Sub Chassis Unit		5 4	Washer	Y E 3 O F U C
10	Arm	ENV1210	5 5	Spring	EBH1310
11	Screw	BMZ20P025FMC	56	Flywheel Unit	EXA1161
12	Spring	EBH1304		Belt	ENT1018
		JFZ20P040FN1	58	Arm	ENV1206
14	Collar	ELA1220	5 9	Spring	EBH1317
	Shaft			Gear	ENV1205
16	Lever	ENC1202	6.1	Chassis Unit	
		EBF1015	· ·	Screw	JFZ20P025FNI
					JEZZOFUZJEMI
		ENV1268			E 11 1/ 1 2 0 7
		EBH1313		Pulley	ENV1207
20	Spring	EBH1314	0.0	• • • • •	
2 1	Lever	ENC1208	66		
2 2	Spring	EBH1307	67	Plug	
23	Tube		6 8	F. C. Board	
2 4	Spring	EBH1306	6 9	Switch	ESH1003
2 5			7 0	Washer	WH23FMC
26	Lever	ENC1209	71	Screw	BSZ23P040FMC
	Spring			Screw	CBA1015
	Arm	ENC1222		Head Unit	
	Spring	EBH1308		P. C. Board	ENP1042
	Washer	YE15FUC		Switch	ESN1005
• • • • • • • • • • • • • • • • • • • •	Washer	1270100	, ,	047.041	2011100
3 1	Arm	ENC1221	76	Washer	YE20FUC
3 2	Spring	EBH1305	77	Pinch Roller Unit	EXA1154
3 3	Frame	ENC1204	78		
3 4	Arm	ENC1215	79	• • • • •	
3 5	Shaft	ELA1251	8 0	Arm	ENC1213
36	Holder	ENC1205	8 1	Screw	CBA1038
	Spring	EBH1344		Arm	ENV1227
	Lever	ENV1222		Spring	EBH1312
	Head Base Unit	EXA1152		Arm	ENC1212
	Tube			Spring	EBH1309
4.	Spring	ED 11215	0 €	Lavar	ENC1206
	Spring Mater Unit	EBH1315		Lever	ENC1206
	Motor Unit	EXALL62		Spring	EBH1309
	Screw	PMS26P025FUC		Lever	ENC1207
	Screw	CBA1054		Dinak Datta Hills	CV41170
4.5	P. C. Board		90	Pinch Roller Unit	EXA1153

### Cassette Mechanism Assy





# 23. ELECTRICAL PARTS LIST

#### NOTE:

69

- Parts whose parts numbers are omitted are subject to being not supplied.
  The part numbers shown below indicate chip components.

Chip Resistor

RS1/8S \( \sigma \sup \sigma J, RS1/10S \sup \sup \sup J

Chip Capacitor (except for CQS.....)

CKS....., CCS....., CSZS.....

Part No. 	Q					Chip Transistor	2011
CEL1013	Q						3 S K 1 S
		2					2 S C 2 S
CEL1168	0	3	704				2 S A 1 (
	0	151				Chip Transistor	2 S C 2 T
		152				Chip Transistor	DTA12
		153	501			Chip Transistor	DTC11
	-		451	452	503	522 701 702 705	2 S K 4 3
Part No.	Q		401	402	303	322 101 102 103	2 S C 2 4
CEL-147		455	456				DTC34
CEL1167	Q	457	708				DTC12
	Q	502					2 S K 3 3
							2 S K 3 0
	Q	706					28026
<b>.</b>	-						28027
							2 S D 1 6
	•						2 S A 1 1
1301003	-						DTC14
	٥	952					DTA12
	D					Chip Diode	1\$V12
	D			4			
Part No.						Chip Diode	MA157
ESH1004	D	151					HZS4R
CSN1005	D	201	202	203	204	251	18813
	D	205				Variable Capacitance Diode	KV123
	D	252	911				RD9R1
			452	453	454	456 458 459 701 702	18813 RD3R0
Part No.							NOONO
	•						ERA15
			958	959	960	962 963 966 969	15513
							RD5R6
LANTIUS							MA700 RD5R1
	D	967					RD8R2
	_					Inductor 0.12 µ H	CTF10
	L	2				Coil	CTC10
	l	3				Coil	CTC10
	L	4				Coil	CTC10
	L	5				OSC Coil	CTC10
	L	6				Inductor 15 µ H	LAU15
							LAU4R
						•	CTF-1
	Ł	701				Micro-Inductor 0.68µН	LAURE
Dart No.	Ĺ	901					CTH10
							LAU10
	'						CTC10 CTC10
	1	31				CULT	0.010
	CEL-147 CEL1167  Part No.  ESH1003  Part No.  ESH1004 CSN1005  Part No.  ESN1005 EXA1162 EXA1163	Part No.	Part No.	Q 201 Q 202 451 Q 202 451 Q 202 451 Q 203 451 CEL-147 Q 455 456 CEL1167 Q 457 708 Q 703 Q 706  Part No. Q 911 Q 912 ESH1003 Q 913 Q 951  Q 952 D 1 D 2 3 Part No. D 5 D 205 D 252 911 D 451 452 D 501 Part No. D 501 Part No. D 901 902 ESN1005 D 901 902 ESN1005 D 901 902 ESN1005 D 901 902 EXA1162 D 961 EXA1163 D 964 D 965  D 967 L 1 L 2 L 3 L 4  L 5 L 6 L 201 L 202 L 203 L 701 L 901 Part No. L 951 T 1 PACOU1A T 51 LA3161P TA7281P LA2220	Q 201 Q 202 451 452 Part No. Q 251 CEL-147 Q 455 456 CEL1167 Q 457 708 Q 502 Q 703 Q 706 CEL1167 Q 911 Q 912 CESH1003 Q 913 Q 951 CESH1003 Q 915 CESH1004 CSN1005 D 201 202 203 D 205 D 252 911 D 451 452 453 D 501 Part No. D 901 902 CESN1005 D 961 EXA1163 D 964 D 965 CEXA1162 D 961 EXA1163 D 964 D 965 CEXA1162 D 961 CEXA1163 D 964 D 965 CEXA1163 D 964 D 965 CEXA1163 D 965 CEXA1162 D 961 CEXA1163 D 964 D 965 CEXA1163 D 965 CEXA1163 D 965 CEXA1164 D 965 CEXA1165 D 965 CEXA1165 D 965 CEXA1166 D 965 CEXA1166 D 965 CEXA1168 D 965 CE	Part No.	Part No. 0 201

T	201				Coil			CTB1056			160							 	RS1/10S103J
	202				Coil			CTB1008			203								RD1/4PS513J
	203	204			Coil			CTB1058			205								RS1/10S510J
	205				Coil			CTE1041			211								RS1/10S103J
	205				Coil			CTE1042			220								RD1/4PS752J
	210				Coil		F · 1 ·	CTB1061			221								RS1/10S104J
CF							Filter	CTF-182			222								RD1/4PS220J
CF		52					Filter	CTF1130			224								RS1/10SOROJ
C F	201				Filte		otector	CTF1085 DSP-201			251		7.0.2	704	705	717	700		RS1/10S513J
"					30191		0160101	D01 201		ĸ	253	204	103	104	105	111	139		RS1/10S104J
	151						Resonator	C\$\$1066			255								RS1/10S151J
	702				Cerai	mic	Resonator.	CSS1022		R	257	258							RS1/10S133J
	951				Cryst	tal	Resonator	C\$\$1011			259	260							RS1/10S334J
	151				Semi-	-fix	ed 150kΩ (	) VRMB6VS	154		262								RS1/10S392J
VR	152				Semi-	-fix	ed 33kΩ (B	VRMB6VS	333	R	263	492							RS1/8SOROJ
V R	451	452			Volue	ne 2	0kΩ (U)	CCS1164		R	351	352	355	503	506				RD1/4PS102JI
	453		Volume/					OkΩ (B) CCS1163		R	452								RS1/10S473J
	701						ed 220Ω (B			R	453	964							RD1/4PS331JI
В	951				Batte		•	CEX1014		R	454								RS1/10S331J
					LCD			CAW1097		R	455								RD1/4PS182JI
	0.0									р	456	£ [ •	£ E ^						DC1/100101
STO	к 5										457								RS1/10S182J RD1/4PS222J
==	:	= Ci	rcuit S	ymhr	1 & 1	No.	==== Part	Name Part No			461								RS1/10S474J
											463								RS1/8S132J
R	1	3	5 7	06	736			RS1/10S	223J		467								RD1/4P\$103J
R	2							RD1/4PS	151JL										
R	4	459	460					RS1/10S	333J	R	469	470							RS1/8S102J
R	6	479	962					RD1/4PS	473 JL		471	472							RS1/8\$222J
R	8							RS1/10S	563J	R	476								RS1/10S2R2J
										R	477								RS1/10S333J
R	9							RD1/4PS	5563JL	R	481	485							RD1/4PS102J
R	10	157	201 2	02	714	716	728	RS1/10S	3103J										
R	13							RD1/4PS	8271JL	R	482								RD1/4PS392J
R	14							RS1/10S	5561J	R	483								RS1/10S561J
R	15							RS1/105	683J	R	486	487	488	553	554	558	721		RS1/10S0R0J
_										R	501			• • • •					RD1/4PS472J1
R	16							RS1/10S		R	304	115	955	900					RD1/4PS472JI
R	17	465						RD1/4PS		n		700							554 /456456 44
R		465	4 b b					RS1/10S			505								RD1/4PS152JI
R	20							R\$1/10\$			555	556							R\$1/10\$153J
R	2 1							R\$1/108	3101J		557								RD1/4PS010JI
										R	559								R\$1/10\$682J
R	22							RS 1/10 S		R	707								R\$1/10\$181J
R	23							RD1/4PS			700	710		30.					
R	2 4							RD1/4PS		R			711	134					RS1/10S102J
R		223						RS1/10S		R	709	132							RD1/4PS223JI
R	26	204	219 9	03				RD1/4PS	10311	R	712								RS1/10S561J
0	r •							004/111		R	720 725	797							RS1/10S222J
R	51							RS1/10S		R	1 2 3	121							RS1/10S0R0J
R	52	400						RD1/4PS		D	705								001/1
R		480						RD1/4PS		R	726								RS1/10S564J
R	54							RD1/4PS		R	730								RS1/10S823J
R	55	722						RS1/10S	6682J	R	731								RS1/10S123J
										R	735								RS1/8S223J
R			354 7		714	,	700	RD1/4PS		R	737								RS1/8S473J
R R	57	210	451 7	Ul	113	119	129	RS1/10S		D	720								001/00/
								RS1/10S		R	738								RS1/8S103J
R	59							RS1/10S		R	901								RD1/2PS3R3JI
R	101							RS1/10S	1331	R	911								RS1/10S331J
p	100							***		R	912	007							RS1/10S221J
R	102							RS1/10S		R	913	967							RS1/10S103J
R	103							RS1/10S											
R	104							RS1/10S		R	914	959							RS1/10S222J
R	105							RS1/10S		R	951								RD1/4PS471J
R	153							RD1/4PS	5562JL	R	953								RS1/10S331J
n	4.5.4							==		R	956								RD1/4PS473J
R	154	,						R\$1/10\$		R	961								RD1/4PS333J
	155	718						RS1/10S											
R								001/100											
R R R	156 158							RS1/10S RS1/10S											

70

rk ==:		= Ci	rcuit	Symb	o I &	No.	====	Part Name	Part No.	C	503			4. 7 μ F/16	V	CCH1005
								<del>-</del> -		•	551	552				CKSQYB102K5
C	1	3	17		203				CCSQCH220J50	C	553	554				CEA010M50L2
C	2	53	58	205	226	710	902		CKSQYF473Z50	C	559	560	565			CQEA224J63
С	4	25	469	470					CCSQCH330J50	С	561	562				CEA102M10L2
C	5	207	209						CCSQTH090D50	^	5.04			-		05113111610
С	6								CCSQTH070D50	C	564	7.00				CEA471M16L2
									040040000466	C	702	703				CKSQYB391K5
C	1		706	111					CKSQYB222K50	C	708					CCSQSL271J5
C	8	22							CKSQYB223K50	C	712	346				CEAOTOMSOLS
C	9								CCSQTH150J50	C	715	718				CQMA102J50
C	10								CCSQSL271J50							
С	11								CKSQYB103K50	C	718					CQMA683J50
									CCC0CU470 150	C	719	721				CEAR33M50LS
C	12								CCSQCH470J50	C C	720 723	721				COMA473J50
C		224							CEA3R3M50LS		-					CEA471M16L2
C	14								CKSQYB102K50	C	901					CEA222M16L2
C	15								CCSQCH080D50	C	903					CEA331M16L2
С	16								CCSQCH100D50	C	911					CEA331M16L2
									0000001100150	C	921					CCSQSL101J5
C	18				F ^ -				CCSQCH120J50	C	922	00.	005			CKDYB391K50
C	19	101	164	201	502				CKSQYB103K50	C	923	924	925			CKPYF223Z251
C	20								CKSQYF104Z50	C	926	927				CKPYF2237251
C	2 1	23							CKSYB393K50	C	951	952				CCSQCH100D50
C	2 4								CCSQCH470J50	С	955					CKSQYF473Z50
										C	956					CEA331M6R3L2
C	27	52	912						CEA101M10LS	C	958					CEA220M16LS
C	51	54	59	105	154	204	216	227	CKSQY8223K50							
C	5.5	155	156	157					CEA010M50LS2	Tuner A		:				
C	57								CEAR47M50LS2	MISCELL	ANEOUS					
С	60								CCDLH910J50					KE-2700SDK/WG	KE-2730B/EW	KE-27008/17
C	6 1	954							CKSYB473K50	Circui	t Symbo	1 & N	o.	Part No.	Part No.	Part No.
C	102	206	563	707	713	724			CEA470M16LS	<del> </del>						
C	103								CKSQYB182K50	10701			ļ	LA2220		
C	104								CKSQYB682K50	10702				TA75558S		•••••
C	106								CKSQYB102K50	0203.2	4, 205,	206.2	07	••••	2SC2458	
										.0504					DTC143ES	
C	151	152							CKSQYB183J50	Q505 Q701, 7	19 705			2502458	DTC124ES	
C	153								CKSQYB332K50	*****			1	1402430		
C	158								CEAR22M50LS2	0703				25K30A		
C	159								CEAOR1M50LS2	0704			- 1	2SA1048		
C	161	451	452	467	704	714			CEA100M16LS2	0706			l	2 S C 2 6 3 4 N C		
										0707			- 1	2SC2712		
¢	162	163							CKSQYB152K50	0708				DTC124ES		
C	165								CKSQYB102K50							
C	208								CCSQCH010C50	0913				DTC143ES	DTC124ES	DTC124ES
C	217								CCSQRH101J50	D457		066 **	.	100122	188133	1\$\$133
C	218								CCSQUJ180J50	D701.70	Z. 951.	300. S	, 9	155133		1
										D953 L701			l	LAUR68M		155133
C	222	455	456						CEAR47M50LS2	` ' ' '				ED AU A AM		
C	225	232	711	722					CKSQY8473K25	1202			ļ	CTB1008	CTB1004	CTB1008
C	228	705							CEA220M16LS	T207			- 1		CTB1059	
C	229	230	701	709					CKSQY8223K50	T208.20	9		l	••••	CTB1062	
C	231								CQPA431G2A	T210			-	CTB1061	CTB1060	CTB1061
										X702			- 1	C\$\$1022		
	251	252							CKSQYB102K50	-			- 1		1	
С			957						CEA2R2M50LS2	VR701			- 1	VRMB6VS221		
C	253	204							CEA470M10LS	·					·	
		204								RESISTORS						
C	253 255	252		558					CKSQYB103K50		<del></del>				l	
C C	253 255 256			558									- 1	MI WARREN 1MV	1 M E A 3 A A A / FW	
<b>C</b> C	253 255 256 257	262	557	558					CEA221M10L2	1			}	KE-2700SDK/WG	KE-2730B/EW	KE-2700B/IT
C C C C	253 255 256 257 261 351	262 258 555	557	558					CEA100M16L2	Circuit	Symbo	l & No	ŀ	Part No.	Part No.	Part No.
C C C C	253 255 256 257 261 351 353	262 258 555 352	557	558					CEA100M16L2 CEA4R7M35L2	Circuit R206, 20		l & No			Part No.	
0 0 0 0 0 0	253 255 256 257 261 351 353 453	262 258 555 352 454	557	558					CEA100M16L2 CEA4R7M35L2 CEA0R1M50LS2	-	7, 215			Part No.	Part No.	Part No.
c c c c	253 255 256 257 261 351 353	262 258 555 352 454	557	558					CEA100M16L2 CEA4R7M35L2	R206. 20	7, 215		-	Part No.	Part No.  RD1/4PS474JL  RD1/4PS561JL	Part No.
	253 255 256 257 261 351 353 453 457	262 258 555 352 454 458	557	558					CEA100M16L2 CEA4R7M35L2 CEA0R1M50LS2 CKSQYB153K50	R206. 20 R208. 20	7, 215		-	Part No.	Part No.	Part No.
	253 255 256 257 261 351 353 453 457	262 258 555 352 454 458 460	557	558					CEA100M16L2 CEA4R7M35L2 CEA0R1M50LS2 CKSQYB153K50 CKSYB393K25	R206. 20 R208. 20 R212	7, 215 9, 213,		-	Part No.	Part No.  RD1/4PS474JL RD1/4PS561JL RD1/4PS104JL	Part No.
	253 255 256 257 261 351 353 453 457 459 461	262 258 555 352 454 458 460 462	557	558					CEA100M16L2 CEA4R7M35L2 CEA0R1M50LS2 CKSQYB153K50 CKSYB393K25 CEALNP2R2M35	R206. 20 R208. 20 R212 R214	7, 215 9, 213,		-	Part No.	Part No.  RD1/4PS474JL  RD1/4PS561JL  RD1/4PS104JL  RS1/10S821J	Part No.
	253 255 256 257 261 351 353 453 457	262 258 555 352 454 458 460 462	557	558					CEA100M16L2 CEA4R7M35L2 CEA0R1M50LS2 CKSQYB153K50 CKSYB393K25 CEALNP2R2M35 CEAR22M50L2	R205. 20 R208. 20 R212 R214 R216. 21	7, 215			Part No.	Part No.  RD1/4PS474JL  RD1/4PS561JL  RD1/4PS104JL  RS1/10S821J	Part No.
	253 255 256 257 261 351 353 453 457 459 461	252 258 555 352 454 458 460 462 464	557	558					CEA100M16L2 CEA4R7M35L2 CEA0R1M50LS2 CKSQYB153K50 CKSYB393K25 CEALNP2R2M35	R206. 20 R208. 20 R212 R214 R216. 21 R224 R463. 46	7, 215			Part No.	Part No.  RD1/4PS474JL  RD1/4PS561JL  RD1/4PS104JL  RS1/10S821J  RS1/10S474J	Part No
	253 255 256 257 261 351 353 453 457 459 461 463	252 258 555 352 454 458 460 462 464	557	558					CEA100M16L2 CEA4R7M35L2 CEA0R1M50LS2 CKSQYB153K50 CKSYB393K25 CEALNP2R2M35 CEAR22M50L2	R206. 20 R208. 20 R212 R214 R216. 21 R224 R463, 46-	7, 215			Part No	Part No.  RD1/4PS474JL RD1/4PS561JL RD1/4PS104JL RS1/10S821J RS1/10S474J	Part No
	253 255 256 257 261 351 353 453 457 459 461 463 465	252 258 555 352 454 458 460 462 464	557	558					CEA100M16L2 CEA4R7M35L2 CEA0R1M50LS2 CKS0YB153K50 CKSYB393K25 CEALNP2R2M35 CEAR22M50L2 CKSQYB152K50	R206. 20 R208. 20 R212 R214 R216. 21 R224 R463. 46	7, 215			Part No	Part No.  RD1/4PS474JL RD1/4PS551JL RD1/4PS104JL RS1/10S821J RS1/10S474J RS1/8S122J	Part No RS1/10S0R0J RS1/8S122J

	KE-2700SDK/WG	KE-27308/EW		_			101 211	יווט קו	t (KE-1700SDK/WG)	
ircuit Symbol & No.	Part No.	Part No.	Part No.	MISCELLA	NEOUS	S				
501	RD1/4PS472JL	RD1/4PS222JL	RD1/4PS472JL							
502		RD1/4P\$222JL		Mark ===	====	== Ci	ircuit	Symb	ol & No. ==== Part Name	Part No.
1507	•••••	RD1/4PS331JL	1							
701, 713, 719, 729	RS1/10S473J			10	1					PACODIA
702	R\$1/105472J			1	251					LA3161P
			1	10	551					TA7281P
703, 704, 705, 717	R\$1/10\$104J		1	10	701					LA2220
1706, 736	RS1/10S223J			10	702					TA75558S
1707	RS1/10S181J			1						
708, 710, 711, 734	RS1/10S102J			I C	951					PD4275
709, 732	RD1/4PS223JL			a	1				Chip Transistor	3 S K 1 9 5
712	RS1/10S561J	<b></b>		į a	2					2 S C 2 9 9 9
714, 716, 728	R\$1/10\$103J			Q	3	704				2 S A 1 0 4 8
1715. 955	RD1/4PS472JL			0	151				Chip Transistor	2 S C 2 7 1 2
1718	R\$1/10\$182J									
720	RS1/10S222J			i 0	152				Chip Transistor	DTA124EK
120	1.01, 100000		İ	Q	153	501			Chip Transistor	DTC114EK
721	RS1/10SEROJ			a	201	• • • •			on p manarato.	2 S K 4 3 5
722	R\$1/10\$682J			1 0		600	E 2 2	701	702 705	2 S C 2 4 5 8
723	RD1/4PS152JL			i	202	503	311	101	102 103	
724	RD1/4PS153JL			Q	251					2 S D 1 9 9 2 A
125, 121	RS1/10SOROJ		<b></b>	_	,					DT 44 1-74
	1			0	455	456				DTC343TS
726	RS1/108564J			Q	457	708				DTC124ES
730	RS1/105823J			Q	502					2 S K 3 3 0
731	RS1/10S123J			0	703					2 S K 3 O A
735	RS1/8S223J		<b> </b>	a	706					2 S C 2 6 3 4 N C
737	RS1/85473J			1						
131	1 1017 002100		1	Q	707					2502712
738	RS1/8S103J		<b> </b>	a	911					2SD1684
739	R\$1/10\$104J			a	912					2 S A 1 1 5 0
955		RD1/4PS473JL	RD1/4PS473JL	0						
967	RS1/10S103J	RS1/10S0R0J			913					DTC143ES
301	1		1 RS1/1050R0J	i .						DT0114FC
			RS1/1050R0J		951					DTC114ES
PACITORS		1	K21/1020K03	<u> </u>	951					
PACITORS			RS1/1050R03		951 952					DTA124ES
PACITORS	KE-2700SDK/WG	KE-2736B/EW	RS1/1050R03		951 952 1				Chip Diode	DTA124ES 1SV128A-BI
PACITORS	KE-2700SDK/WG	KE-2730B/EW	KE-2700B/IT	0 D D	951 952 1 2	3	4		Variable Capacitance Diode	DTA124ES 1SV128A-BI SVC203-AB
	KE-2700SDK/WG Part No.			0 D D	951 952 1 2 5	3	4			DTA124ES 15V128A-BI SVC203-AB MA157-MR
PACITORS  Circuit Symbol & No.		KE-2730B/EW	KE-2700B/IT	0 D D	951 952 1 2	3	4		Variable Capacitance Diode	DTA124ES 1SV128A-BI SVC203-AB
Circuit Symbol & No.	Part No.	KE-27308/EW Part No.	KE-2700B/HT Part No.	0 D D D	951 952 1 2 5 151			204	Variable Capacitance Diode Chip Diode	DTA124ES 1SV128A-BI SVC203-AB MA157-MR HZS4R3EB3
Circuit Symbol & No. C165 C210, 211, 220, 221	Part No.	KE-27308/EW Part No.		0 0 0 0 0 0 0	951 952 1 2 5 151 201		4 203	204	Variable Capacitance Diode Chip Diode 251	DTA124ES 1SV128A-BI SVC203-AB MA157-MR HZS4R3EB3
Circuit Symbol & No. C165 C210, 211, 220, 221 C212	Part No. CKSQYB102K50	KE-27308/EW Part No CKSQYF473250		0 D D D	951 952 1 2 5 151 201 205	202		204	Variable Capacitance Diode Chip Diode	DTA124ES 1SV128A-BI SVC203-AB MA157-MR H7S4R3EB3 1SS133 KV123573
Circuit Symbol & No. C165 C210, 211, 220, 221 C212 C213	Part No. CKSQYB102K50	KE-2730B/EW Part No CKS0YF473Z50 CCS0RH101J50	KE-2700B/IT Part No	0 0 0 0 0 0 0	951 952 1 2 5 151 201 205 252	202	203		Variable Capacitance Diode Chip Diode 251 Variable Capacitance Diode	DTA124ES 1SV128A-BI SVC203-AB MA157-MR HZS4R3EB3 1SS133 KV1235Z3 RD9R1JSB2
Circuit Symbol & No. C165 C210, 211, 220, 221 C212 C213	Part No.  CKSQYB102K50	RE-2730B/EW Part No CKSOYF473Z50 CCSORH101J50 CCSOCH180J50	KE-2700B/IT  Part No	0 D D D D	951 952 1 2 5 151 201 205 252 451	202	203		Variable Capacitance Diode Chip Diode 251	DTA124ES 1SV128A-BI SVC203-AB MA157-MR HZS4R3EB3 1SS133 KV1235Z3 RD9R1JSB2 1SS133
Circuit Symbol & No. C165 C210, 211, 220, 221 C212 C213 C214	Part No.  CKSQYB102K50	RE-2730B/EW Part No CKSOYF473Z50 CCSORH101J50 CCSOCH180J50	KE-2700B/IT  Part No	0 0 0 0 0 0 0	951 952 1 2 5 151 201 205 252	202	203		Variable Capacitance Diode Chip Diode 251 Variable Capacitance Diode	DTA124ES 1SV128A-BI SVC203-AB MA157-MR HZS4R3EB3 1SS133 KV1235Z3 RD9R1JSB2
Circuit Symbol & No. C165 C210, 211, 220, 221 C212 C213 C214	Part No.  CKSQYB102K50	RE-27308/EW Part No CKSOVF473250 CCSORH101J50 CCSOCH180J50 COPA33162A	KE-2700B/HT     Part No.	0 D D D D	951 952 1 2 5 151 201 205 252 451	202	203		Variable Capacitance Diode Chip Diode 251 Variable Capacitance Diode	DTA124ES 1SV128A-BI SVC203-AB MA157-MR HZS4R3EB3 1SS133 KV1235Z3 RD9R1JSB2 1SS133
Circuit Symbol & Mo. C165 C210, 211, 220, 221 C212 C213 C214 C215 C217	Part No.  CKSQYB102K50  CCSQRH101J50	KE-27308/EW   Part No.   CKSOYF473250   CCSORH101J50   CCSOCH180J50   COPA331G2A   CCSORH820J50	KE-2700B/HT  Part No	0 D D D D	951 952 1 2 5 151 201 205 252 451	202 911 452	203		Variable Capacitance Diode Chip Diode 251 Variable Capacitance Diode	DTA124ES 1SV128A-BI SVC203-AB MA157-MR HZS4R3EB3 1SS133 KV1235Z3 RD9R1JSB2 1SS133 RD3R0ESB2
Circuit Symbol & No. C165 C210, 211, 220, 221 C212 C213 C214 C215 C217 C219	Part No.  CKSQYB102K50  CCSQRH101J50  CQPA43162A	RE-27308/EW  Part No.  CKSOYF473Z50 CCSORH101J50 CCSOCH180J50 COPA331G2A  CCSORH820J50 CKSOY8223K50 CCSOSH330J50	KE-2700B/HT  Part No	0 0 0 0 0 0 0 0	951 952 1 2 5 151 201 205 252 451 501	202 911 452	203	454	Variable Capacitance Diode Chip Diode 251 Variable Capacitance Diode	DTA124ES 1SV128A-BI SVC203-AB MA157-MR H7S4R3EB3 1SS133 KV123523 RD9R1JSB2 1SS133 RD3R0ESB2
Circuit Symbol & No.  C165 C210, 211, 220, 221 C212 C213 C214 C215 C217 C219 C231	Part No.  CKSQYB102K50  CCSQRH101J50	RE-2730B/EW  Part No.   CKSOYF473250  CCSORH101J50  CCSOCH180J50  COPA33162A  CCSORH820J50  CKSOYB223K50  CCSOSH390J50	KE-2700B/HT  Part No	0 0 0 0 0 0 0 0 0	951 952 1 2 5 151 201 205 252 451 501	202 911 452	203	454	Variable Capacitance Diode Chip Diode 251 Variable Capacitance Diode 456 458 459 701 702	DTA124ES 1SV128A-BI SVC203-AB MA157-MR H7S4R3EB3 1SS133 KV123523 RD9R1JSB2 1SS133 RD3R0ESB2 ERA15-02Y
Circuit Symbol & No. C165 C210, 211, 220, 221 C212 C213 C214 C215 C217 C219 C231	Part No.  CKS0YB102K50  CKS0YB102K50  CCS0RH101J50  COPA43162A	RE-27308/EW  Part No.  CKSOYF473Z50 CCSORH101J50 CCSOCH180J50 COPA331G2A  CCSORH820J50 CKSOY8223K50 CCSOSH390J50 CEAR47M50LS2	KE-2700B/IT  Part No	0 D D D D D D	951 952 1 2 5 151 201 205 252 451 501 901 951	202 911 452	203	454	Variable Capacitance Diode Chip Diode 251 Variable Capacitance Diode 456 458 459 701 702	DTA124ES 1SV128A-BI SVC203-AB MA157-MR H7S4R3EB3  1SS133 KV123523 RD9R1JSB2 1SS133 RD3R0ESB2 ERA15-02Y
Circuit Symbol & No. C165 C210, 211, 220, 221 C213 C214 C215 C217 C219 C219 C219 C231	Part No.  CKSOYB102K50  CCSORH101J50  COPA43162A  CKSOYB223K50	RE-2730B/EW  Part No.  CKSQYF473Z50 CCSQRH101J50 CCSQCH180J50 CQPA331G2A  CCSQRH870J50 CKSQYB223K50 CCSQSH390J50 CEAR47M50LS2	KE-2700B/HT  Part No	0 0 0 0 0 0 0 0 0 0	951 952 1 2 5 151 201 205 252 451 501 901 951 961 964	202 911 452	203	454	Variable Capacitance Diode Chip Diode 251 Variable Capacitance Diode 456 458 459 701 702	DTA124ES 1SV128A-BI SVC203-AB MA157-MR HZS4R3EB3 1SS133 KV1235Z3 RD9R1JSB2 1SS133 RD3R0ESB2 ERA15-02Y 1SS133 RD5R6JSB2 MA700
Circuit Symbol & No. C165 C210, 211, 220, 221 C212 C213 C214 C215 C217 C219 C231 C501	Part No.  CKSOYB102K50  CCSORH101J50  CQPA43162A  CKSOYB223K50 CKSOYB391K50	RE-27308/EW  Part No.  CKS0YF473250 CCS0RH101J50 CCS0CH180J50 CDPA33162A  CCS0RH820J50 CKS0Y8223K50 CCS0SH390J50 CEAR47M50LS2	KE-2700B/HT  Part No	0 D D D D D D	951 952 1 2 5 151 201 205 252 451 501 901 951 961	202 911 452	203	454	Variable Capacitance Diode Chip Diode 251 Variable Capacitance Diode 456 458 459 701 702	DTA124ES 1SV128A-8I SVC203-AB MA157-MR HZS4R3EB3 1SS133 KV1235Z3 RD9R1JSB2 1SS133 RD3R0ESB2 ERA15-02Y 1SS133 RD5R6JSB2
Circuit Symbol & No.  C165 C210. 211, 220, 221 C212 C213 C214 C215 C217 C219 C231 C501 C701, 709 C702, 703 C704, 714	Pert No.  CKSOYB102K50  CCSORH101J50  COPA43162A  CKSOYB223K50 CKSOYB391K50 CEA100M16LS2	KE-2730B/EW  Part No.   CKSOYF473Z50 CCSORH101J50 CCSOCH180J50 COPA331G2A  CCSORH820J50 CKSOYB223K50 CCSOSH390J50  CEAR47M50LS2	KE-2700B/HT  Part No CCSORH101J50 CCPA431G2A	D D D D D D D D D D D D D D D D D D D	951 952 1 2 5 151 201 205 252 451 501 901 951 961 964 965	202 911 452	203	454	Variable Capacitance Diode Chip Diode 251 Variable Capacitance Diode 456 458 459 701 702	DTA124ES 1SV128A-BI SVC203-AB MA157-MR HZS4R3EB3 1SS133 KV1235Z3 RD9R1JSB2 1SS133 RD3RDESB2 ERA15-02Y 1SS133 RD5R6JSB2 MA700 RD5R1JSB2
Circuit Symbol & No.  C165 C210. 211, 220, 221 C212 C213 C214 C215 C217 C219 C231 C501 C701, 709 C702, 703 C704, 714	Part No.  CKSOYB102K50  CCSORH101J50  COPA43162A  CKSOYB223K50 CKSOYB391K50 CEA100M16LS2 CEA220M16LS	KE-27308/EW  Part No.  CKSOYF473Z50 CCSORH101J50 CCSOCH180J50 COPA331G2A  CCSORH820J50 CKSOY8223K50 CCSOSH330J50  CEAR47M50LS2	KE-2700B/IT  Pert No CCSQRH101J50 CQPA431G2A	D D D D D D D D D D D D D D D D D D D	951 952 1 2 5 151 201 205 252 451 501 901 951 964 965 967	202 911 452	203	454	Variable Capacitance Diode Chip Diode  251 Variable Capacitance Diode  456 458 459 701 702  962 963 966 969	DTA124ES 1SV128A-BI SVC203-AB MA157-MR HZS4R3EB3 1SS133 KV123523 RD9R1JSB2 1SS133 RD3R0ESB2 ERA15-02Y 1SS133 RD5R6JSB2 MA700 RD5R1JSB2 RD8R2JSB1
Circuit Symbol & No.  C165 C210, 211, 220, 221 C212 C213 C214 C215 C217 C219 C231 C501 C701, 709 C702, 703 C704, 714 C705	Pert No.  CKSOYB102K50  CCSORH101J50  COPA43162A  CKSOYB223K50 CKSOYB391K50 CEA100M16LS2	KE-2730B/EW  Part No.   CKSOYF473Z50 CCSORH101J50 CCSOCH180J50 COPA331G2A  CCSORH820J50 CKSOYB223K50 CCSOSH390J50  CEAR47M50LS2	KE-2700B/HT  Part No CCSORH101J50 CCPA431G2A	D D D D D D D D D D D D D D D D D D D	951 952 1 2 5 151 201 205 252 451 501 901 951 964 965 967 1	202 911 452	203	454	Variable Capacitance Diode Chip Diode  251 Variable Capacitance Diode  456 458 459 701 702  962 963 966 969  Inductor 0.12 µ H	DTA124ES 1SV128A-BI SVC203-AB MA157-MR HZS4R3EB3  1SS133 KV1235Z3 RDBR1JSB2 1SS133 RD3R0ESB2 ERA15-02Y 1SS133 RD5R6JSB2 MA700 RD5R1JSB2 RD8R2JSB1 CTF1065
Circuit Symbol & No. C165 C210, 211, 220, 221 C212 C213 C214 C215 C217 C219 C231 C501 C701, 709 C702, 703 C704, 714 C705 C706, 717	Part No.  CKSOYB102K50  CCSORH101J50  COPA43162A  CKSOYB223K50 CKSOYB391K50 CEA100M16L52 CEA220M16L5 CKSOYB222K50	KE-27308/EW   Part No.   CKS0YF473Z50   CCS0RH101J50   CCS0CH180J50   COPA331G2A   CCS0RH8Z0J50   CKS0YBZ23K50   CCS0SH390J50   CEAR47M50LS2   CEAR47M50LS2   CCS0SH390J50   CEAR47M50LS2   CCS0SH390J50   CEAR47M50LS2   CEAR47M50LS2   CCS0SH390J50   CEAR47M50LS2   CCS0SH390J50   CEAR47M50LS2   CEAR47M50LS2   CCS0SH390J50   CEAR47M50LS2   CCS0SH390J50   CEAR47M50LS2   CCS0SH390J50   CCS0SH390J5	KE-2700B/HT  Part No		951 952 1 2 5 151 201 205 252 451 501 901 951 964 965 967 1 2	202 911 452	203	454	Variable Capacitance Diode Chip Diode  251 Variable Capacitance Diode  456 458 459 701 702  962 963 966 969  Inductor 0.12 µ H Coil	DTA124ES 1SV128A-BI SVC203-AB MA157-MR HZS4R3EB3 1SS133 KV1235Z3 RD9R1JSB2 1SS133 RD3R0ESB2 ERA15-02Y 1SS133 RD5R6JSB2 MA700 RD5R1JSB2 CTF1065 CTC1022
Circuit Symbol & No. C165 C210, 211, 220, 221 C212 C213 C214 C215 C217 C219 C231 C501 C701, 709 C702, 703 C704, 714 C105 C706, 717 C707, 713, 724	Part No.  CKSOYB102K50  CCSORH101J50  COPA43162A  CKSOYB223K50 CKSOYB391K50 CEA100M16LS CKSOYB222K50 CEA470M16LS CKSOYB222K50 CEA470M16LS	RE-27308/EW  Part No.  CKS0YF473250 CCS0RH101J50 CCS0CH180J50 CCPA33162A  CCS0RH820J50 CCS0RH820J50 CCS0SH390J50 CEAR47M50LS2	KE-2700B/HT  Part No		951 952 1 2 5 151 201 205 252 451 501 961 964 965 967 1 2 3	202 911 452	203	454	Variable Capacitance Diode Chip Diode  251 Variable Capacitance Diode  456 458 459 701 702  962 963 966 969  Inductor 0.12 µ H Coil Coil	DTA124ES 1SV128A-BI SVC203-AB MA157-MR HZS4R3EB3 1SS133 KV1235Z3 RD9R1JSB2 1SS133 RD3R0ESB2 ERA15-02Y 1SS133 RD5R6JSB2 MA700 RD5R1JSB2 CTF1065 CTC1022 CTC1020
Circuit Symbol & No.  C165 C210. 211, 220. 221 C212 C213 C214  C215 C217 C219 C231 C501  C701, 709 C702, 703 C704, 714 C705 C706, 717  C707, 713, 724 C708	Part No.  CKSQYB102K50  CCSQRH101J50  CQPA43162A  CKSQYB223K50 CKSQYB391K50 CCA100M16LS CCSQYB391K50 CCA100M16LS CCSQYB222K50  CCA470M16LS CCSQYB222K50	KE-27308/EW  Part No.  CKSOYF473750 CCSORH101J50 CCSOCH180J50 COPA331G2A  CCSORH820J50 CKSOW8223K50 CCSOSH390J50  CEAR47M50LS2	KE-2700B/HT  Port No CCSORH101J50 COPA431G2A		951 952 1 2 5 151 201 205 252 451 501 901 961 965 967 1 2	202 911 452	203	454	Variable Capacitance Diode Chip Diode  251 Variable Capacitance Diode  456 458 459 701 702  962 963 966 969  Inductor 0.12 µ H Coil	DTA124ES 1SV128A-BI SVC203-AB MA157-MR HZS4R3EB3 1SS133 KV1235Z3 RD9R1JSB2 1SS133 RD3R0ESB2 ERA15-02Y 1SS133 RD5R6JSB2 MA700 RD5R1JSB2 CTF1065 CTC1022
Circuit Symbol & No. C165 C210, 211, 220, 221 C212 C213 C214 C215 C217 C219 C231 C701, 709 C702, 703 C704, 714 C705 C706, 717 C707, 713, 724 C708 C710	Part No.  CKSOYB102K50  CCSORH101J50  COPA43162A  CKSOYB223K50 CKSOYB391K50 CEA100M16LS2 CEA220M16LS CKSOYB222K50  CEA470M16LS CKSOYB222K50  CEA470M16LS CKSOYF473Z50	KE-27308/EW  Part No.  CKSOYF473Z50 CCSORH101J50 CCSOCH180J50 CCPA331G2A  CCSORH820J50 CKSOY8223K50 CCSOSH390J50  CEAR47M50LS2	KE-2700B/iT  Part No CCS0RH101J50 CQPA431G2A	0 0 0 0 0 0 0 0 0 0 0 0	951 952 1 2 5 151 201 205 252 451 501 961 964 965 967 1 2 3 4	202 911 452	203	454	Variable Capacitance Diode Chip Diode  251 Variable Capacitance Diode  456 458 459 701 702  962 963 966 969  Inductor 0.12 µ H Coil Coil Coil	DTA124ES 1SV128A-8I SVC203-AB MA157-MR HZS4R3EB3 1SS133 KV1235Z3 RD9R1JSB2 1SS133 RD3R0ESB2 ERA15-02Y 1SS133 RD5R6JSB2 MA700 RD5R1JSB2 CTC1025 CTC1022 CTC1020 CTC1056
Circuit Symbol & No. C165 C210, 211, 220, 221 C212 C213 C214 C215 C217 C219 C231 C501 C701, 709 C702, 703 C704, 714 C705 C706, 717 C707, 713, 724 C708 C710, C710	Part No.  CKSOYB102K50  CCSORH101J50  CCPA43162A  CKSOYB223K50 CKSOYB391K50 CEA100M16LS CCEA220M16LS CKSOYB222K50  CEA470M16LS CKSOYB222K50  CCCSOSL271J50 CKSOYF473Z50 CKSOYF473Z50 CKSOYB473K25	KE-27308/EW   Part No.   CISOYF473250   CCSORH101J50   CCSOCH180J50   COPA33162A   CCSORH820J50   CKSOY8223K50   CCSOSH390J50   CCSOSH390J50   CEAR47M50LS2   CCSOSH390J50   CCSOSH390J5	KE-2700B/IT  Part No		951 952 1 2 5 151 201 205 252 451 501 901 964 965 967 1 2 3 4	202 911 452	203	454	Variable Capacitance Diode Chip Diode  251 Variable Capacitance Diode  456 458 459 701 702  962 963 966 969  Inductor 0.12 µ H Coil Coil Coil Coil	DTA124ES 1SV128A-8I SVC203-AB MA157-MR HZS4R3EB3  1SS133 KV1235Z3 RD9R1JSB2 1SS133 RD3R0ESB2  ERA15-02Y 1SS133 RD5R6JSB2 MA700 RD5R1JSB2 CTC1022 CTC1022 CTC1026 CTC1024
Circuit Symbol & No. C165 C210, 211, 220, 221 C212 C213 C214 C215 C217 C219 C231 C501 C701, 709 C702, 703 C704, 714 C705 C706, 717 C707, 713, 724 C708 C710, C710	Part No.  CKSOYB102K50  CCSORH101J50  COPA43162A  CKSOYB223K50 CKSOYB391K50 CEA100M16LS2 CEA220M16LS CKSOYB222K50  CEA470M16LS CKSOYB222K50  CEA470M16LS CKSOYF473Z50	KE-27308/EW  Part No.  CKSOYF473Z50 CCSORH101J50 CCSOCH180J50 CCPA331G2A  CCSORH820J50 CKSOY8223K50 CCSOSH390J50  CEAR47M50LS2	KE-2700B/iT  Part No CCS0RH101J50 CQPA431G2A	0 0 0 0 0 0 0 0 0 0 0 0	951 952 1 2 5 151 201 205 252 451 501 961 964 965 967 1 2 3 4	202 911 452	203	454	Variable Capacitance Diode Chip Diode  251 Variable Capacitance Diode  456 458 459 701 702  962 963 966 969  Inductor 0.12 µ H Coil Coil Coil	DTA124ES 1SV128A-8I SVC203-AB MA157-MR HZS4R3EB3 1SS133 KV1235Z3 RD9R1JSB2 1SS133 RD3R0ESB2 ERA15-02Y 1SS133 RD5R6JSB2 MA700 RD5R1JSB2 CTC1025 CTC1022 CTC1020 CTC1056
Circuit Symbol & No. C165 C210, 211, 220, 221 C212 C213 C214 C215 C217 C219 C231 C501 C701, 709 C702, 703 C704, 714 C705 C706, 717 C707, 713, 724 C708 C711, 722 C711	Pert No.  CKSQYB102K50  CCSQRH101J50  COPA43162A  CKSQYB223K50 CEA100M16LS CEA20M16LS CKSQYB222K50  CEA470M16LS CCSQYB473K25 CKSQYB473K25 CEA010M50LS2	KE-2730B/EW  Part No.  CKSOYF473Z50 CCSORH101J50 CCSOCH180J50 COPA331G2A  CCSORH820J50 CKSOY8Z23K50 CCSOSH390J50  CEAR47M50LS2	KE-2700B/HT  Part No CCSORH101J58 COPA431G2A	D D D D D D D D D D D D D D D D D D D	951 952 1 2 5 151 201 205 252 451 501 901 964 965 967 1 2 3 4	202 911 452	203	454	Variable Capacitance Diode Chip Diode  251 Variable Capacitance Diode  456 458 459 701 702  962 963 966 969  Inductor 0.12 µ H Coil Coil Coil Coil	DTA124ES 1SV128A-8I SVC203-AB MA157-MR HZS4R3EB3  1SS133 KV1235Z3 RD9R1JSB2 1SS133 RD3R0ESB2  ERA15-02Y 1SS133 RD5R6JSB2 MA700 RD5R1JSB2 CTC1022 CTC1022 CTC1026 CTC1024
Circuit Symbol & No.  C165 C210, 211, 220, 221 C212 C213 C214  C215 C217 C219 C231 C701, 709 C702, 703 C704, 714 C705 C706, 717 C707, 713, 724 C708 C710 C711, 722 C712 C715, 716	Part No.  CKSOYB102K50  CCSORH101J50  COPA43162A  CKSOYB223K50 CKSOYB391K50 CEA100M16LS CKSOYB222K50  CEA470M16LS CKSOYB222K50  CEA470M16LS CCSOSL271J50 CKSOYF473Z50 CKSOYF473Z50 CKSOYB473K25 CEA010M50LS2	KE-27308/EW  Part No.  CKSOYF473Z50 CCSORH101J50 CCSOCH180J50 COPA331G2A  CCSORH820J50 CKSOY8223K50 CCSOSH390J50  CEAR47M50LS2	KE-2700B/IT  Pert No CCSORH101J50 COPA431G2A		951 952 1 2 5 151 201 205 252 451 501 901 951 964 965 967 1 2 3 4	202 911 452	203	454	Variable Capacitance Diode Chip Diode  251 Variable Capacitance Diode  456 458 459 701 702  962 963 966 969  Inductor 0.12 µ H Coil Coil Coil Inductor 15 µ H	DTA124ES 1SV128A-8I SVC203-AB MA157-MR H7S4R3EB3  1SS133 KV123523 RD9R1JSB2 1SS133 RD3R0ESB2 ERA15-02Y 1SS133 RD5R6JSB2 MA700 RD5R1JSB2 CTC1022 CTC1020 CTC10256  CTC1024 LAU150K
Circuit Symbol & No.  C165 C210. 211. 220. 221 C212 C213 C214  C215 C217 C219 C221 C701. 709 C702. 703 C704. 714 C705 C706. 717  C707. 713. 724 C708 C710 C711. 722 C712 C715. 716 C718	Part No.  CKSQYB102K50  CCSQRH101J50  CQPA431G2A  CKSQYB223K50 CKSQYB391K50 CEA100M16LS CKSQYB391K50 CEA100M16LS CKSQYB222K50  CEA470M16LS CKSQYB473K25 CKSQYB473K25 CEA010M30LS2  CQMA102J50 CQMA683J50	KE-27308/EW  Part No.  CKSOYF473Z50 CCSORH#01J50 CCSOCH180J50 CCPA3316ZA  CCSORH820J50 CKSOY8223K50 CCSOSH390J50  CEAR47M50LS2	KE-2700B/iT  Part No CCSORH101J50 CQPA431G2A		951 952 1 2 5 151 201 205 252 451 501 961 964 965 967 1 2 3 4 4 5 6	202 911 452	203	454	Variable Capacitance Diode Chip Diode  251  Variable Capacitance Diode  456 458 459 701 702  962 963 966 969  Inductor 0.12 µ H Coil Coil Coil OSC Coil Inductor 15 µ H Ferri-Inductor 4.7 µ H Ferri-Inductor 33 µ H	DTA124ES 1SV128A-BI SVC203-AB MA157-MR HZS4R3EB3  1SS133 KV1235Z3 RD9R1JSB2 1SS133 RD3R0ESB2 ERA15-02Y 1SS133 RD5R6JSB2 MA700 RD5R1JSB2 CTC1020 CTC1026 CTC1020 CTC1056  CTC1024 LAU150K LAU4R7K LAU330K
Circuit Symbol & No.  C165 C210, 211, 220, 221 C212 C213 C214  C215 C217 C219 C231 C501  C701, 709 C702, 703 C704, 714 C705 C706, 717  C707, 713, 724 C718 C711, 722 C712 C715, 716 C718 C719	Part No.  CKSOYB102K50  CCSORH101J50  CCPA43162A  CKSOYB223K50 CKSOYB391K50 CEA100M16LS CCA220M16LS CCKSOYB22ZK50  CCA470M16LS CCSOSL271J50 CCKSOYF473Z50 CKSOYF473Z50 CKSOYF473Z50 CCKSOYB473K25 CEA010M50LS2  COMA102J50 CCMA683J50 CEAR33M50LS2	KE-27308/EW  Part No.  CKSOYF473Z50 CCSORH101J50 CCSOCH180J50 CCPA3316ZA  CCSORH820J50 CKSOY8Z23K50 CCSOSH390J50	KE-2700B/IT  Part No		951 952 1 2 5 5 151 201 205 252 451 501 961 964 965 967 1 2 3 4 4 5 6	202 911 452	203	454	Variable Capacitance Diode Chip Diode  251 Variable Capacitance Diode  456 458 459 701 702  962 963 966 969  Inductor 0.12 µ H Coil Coil Coil Inductor 15 µ H Ferri-Inductor 4.7 µ H	DTA124ES 1SV128A-BI SVC203-AB MA157-MR HZS4R3EB3  1SS133 KV1235Z3 RD9R1JSB2 1SS133 RD3R0ESB2 ERA15-02Y 1SS133 RD5R6JSB2 MA700 RD5R1JSB2 CTF1065 CTC1022 CTC1020 CTC1056  CTC1024 LAU150K LAU4R7K
Circuit Symbol & No.  C165 C210, 211, 220, 221 C212 C213 C214  C215 C217 C219 C231 C501  C701, 709 C702, 703 C704, 714 C705 C706, 717  C707, 713, 724 C708 C711, 722 C712  C715, 716 C718 C719 C720, 721	Pert No.  CKSQYB102K50  CCSQRH101J50  COPA43162A  CKSQYB223K50 CKSQYB391K50 CEA100M16LS CCSQYB391K50 CEA20M16LS CCSQYB473Z50 CKSQYB473Z50 CKSQYB473K25 CCA010M50LS2 CCMA102J50 CCMA102J50 CCMA173J50 CCMA473J50	KE-2730B/EW  Part No.  CKSOYF473Z50 CCSORH101J50 CCSOCH180J50 COPA331G2A  CCSORH820J50 CKSOY8Z23K50 CCSOSH390J50	EE-2700B/HT  Part No CCSORH101J50 CCPA431G2A	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	951 952 1 25 151 201 205 252 451 501 961 964 965 967 1 2 3 4 5 6 201 202 203 203 203 203 203 203 203 203 203	202 911 452	203	454	Variable Capacitance Diode Chip Diode  251 Variable Capacitance Diode 456 458 459 701 702  962 963 966 969  Inductor 0.12 µ H Coil Coil Coil Inductor 15 µ H Ferri-Inductor 4.7 µ H ferri-Inductor 33 µ H Ferri-Inductor 4.7 µ H	DTA124ES 1SV128A-BI SVC203-AB MA157-MR HZS4R3EB3 1SS133 KV1235Z3 RD9R1JSB2 1SS133 RD3R0ESB2 ERA15-02Y 1SS133 RD5R6JSB2 MA700 RD5R1JSB2 CTF1065 CTC1022 CTC1020 CTC1056  CTC1024 LAU150K LAU4R7K LAU330K CTF-161
Circuit Symbol & No.  C165 C210. 211. 220. 221 C212 C213 C214  C215 C217 C219 C221 C701. 709 C702. 703 C704. 714 C705 C706. 717  C707. 713. 724 C708 C710 C711. 722 C712 C715. 716 C718	Part No.  CKSOYB102K50  CCSORH101J50  CCPA43162A  CKSOYB223K50 CKSOYB391K50 CEA100M16LS CCA220M16LS CCKSOYB22ZK50  CCA470M16LS CCSOSL271J50 CCKSOYF473Z50 CKSOYF473Z50 CKSOYF473Z50 CCKSOYB473K25 CEA010M50LS2  COMA102J50 CCMA683J50 CEAR33M50LS2	KE-27308/EW  Part No.  CKSOYF473Z50 CCSORH101J50 CCSOCH180J50 CCPA3316ZA  CCSORH820J50 CKSOY8Z23K50 CCSOSH390J50	KE-2700B/IT  Part No	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	951 952 1 2 5 151 201 205 252 451 501 961 964 965 967 1 2 3 4 4 5 6 201 205 205 205 205 205 205 205 205 205 205	202 911 452	203	454	Variable Capacitance Diode Chip Diode  251 Variable Capacitance Diode 456 458 459 701 702  962 963 966 969  Inductor 0.12 µ H Coil Coil Coil OSC Coil Inductor 15 µ H Ferri-Inductor 4.7 µ H Ferri-Inductor 33 µ H Ferri-Inductor 4.7 µ H Micro-Inductor 0.68 µ H	DTA124ES 1SV128A-BI SVC203-AB MA157-MR H7S4R3EB3 1SS133 KV123573 RD9R1JSB2 1SS133 RD3R0ESB2 ERA15-02Y 1SS133 RD5R6JSB2 MA700 RD5R1JSB2 CTC1020 CTC1026 CTC1024 LAU150K LAU4R7K LAU330K CTF-161 LAUR68M
Circuit Symbol & No.  C165 C210, 211, 220, 221 C212 C213 C214  C215 C217 C219 C231 C501  C701, 709 C702, 703 C704, 714 C705 C706, 717  C707, 713, 724 C708 C711, 722 C712 C715, 716 C718 C719 C720, 721 C723	Part No.  CKSOYB102K50  CCSORH101J50  COPA43162A  CKSOYB223K50 CKSOYB391K50 CEA100M16L52 CEA20M16LS CKSOYB222K50  CEA470M16LS CKSOYB222K50  CEA470M16LS CCSOSL271J50 CKSOYF473Z50 CKSOYF473Z50 CKSOYF473Z50 CCSOKSOYB473K25 CEA010M50LS2 COMA102J50 CCMA683J50 CEA471M16L2	KE-27308/EW  Part No.  CKSOYF473Z50 CCSORH101J50 CCSOCH180J50 CCPA331G2A  CCSORH820J50 CKSOY8223K50 CCSOSH390J50  CEAR47M50LS2	KE-2700B/IT  Pert No CCSORH101J50 CQPA431G2A		951 952 1 2 5 151 201 205 252 451 501 901 964 965 967 1 2 3 4 4 5 6 201 203 701 203 701 203 701 203 701 701 701 701 701 701 701 701 701 701	202 911 452	203	454	Variable Capacitance Diode Chip Diode  251 Variable Capacitance Diode  456 458 459 701 702  962 963 966 969  Inductor 0.12 µ H Coil Coil Coil Inductor 15 µ H Ferri-Inductor 4.7 µ H Ferri-Inductor 33 µ H Ferri-Inductor 4.7 µ H Micro-Inductor 0.68 µ H Choke Coil	DTA124ES 1SV128A-8I SVC203-AB MA157-MR HZS4R3EB3  1SS133 KV1235Z3 RD9R1JSB2 1SS133 RD3R0ESB2  ERA15-02Y 1SS133 RD5R6JSB2 MA700 RD5R1JSB2 CTC1022 CTC1020 CTC1056  CTC1024 LAU150K LAU4R7K LAU330K CTF-161  LAUR68M CTH1084
Circuit Symbol & No.  C165 C210. 211. 220. 221 C212 C213 C214  C215 C217 C219 C231 C501  C701. 709 C702. 703 C704. 714 C705 C706. 717  C707. 713. 724 C708 C711. 722 C712  C715. 716 C718 C719 C720. 721 C723 C903	Part No.  CKSQYB102K50  CCSQRH101J50  CCPA431G2A  CKSQYB223K50 CKSQYB391K50 CEA100M16LS2 CEA20M16LS CKSQYB391K50 CKSQYB473K25 CCSQSL271J50 CKSQYF473Z50 CKSQYF473Z50 CKSQYF473Z50 CKSQYF473Z50 CCMA073Z50 CCMA073Z50 CCMA073Z50 CCMA073Z50 CCMA073Z50 CCA471M16L2 CEA331M16L2	KE-27308/EW  Part No.  CISOYF473Z50 CCSORH101J50 CCSOCH180J50 CCPA3316ZA  CCSORH820J50 CKSOY8223K50 CCSOSH390J50  CEAR47M50LS2	KE-2700B/IT  Part No CCSORH101J50 CQPA431G2A CEA102M16L2		951 952 1 2 5 151 201 205 252 451 501 901 951 964 965 967 1 2 3 4 4 5 6 201 202 203 701 901 901 905 901 905 907	202 911 452	203	454	Variable Capacitance Diode Chip Diode  251 Variable Capacitance Diode  456 458 459 701 702  962 963 966 969  Inductor 0.12 µ H Coil Coil OSC Coil Inductor 15 µ H Ferri-Inductor 4.7 µ H Ferri-Inductor 33 µ H Ferri-Inductor 4.7 µ H Micro-Inductor 0.68 µ H Choke Coil Ferri-Inductor 100 µ H	DTA124ES 1SV128A-BI SVC203-AB MA157-MR HZS4R3EB3  1SS133 KV1235Z3 RD9R1JSB2 1SS133 RD3R0ESB2 ERA15-02Y 1SS133 RD5R6JSB2 MA700 RD5R1JSB2 CTC1020 CTC1056  CTC1022 CTC1020 CTC1056  CTC1024 LAU150K LAU4R7K LAU330K CTF-161  LAUR68M CTH1084 LAU101K
Circuit Symbol & No.  C165 C210, 211, 220, 221 C212 C213 C214  C215 C217 C219 C231 C501  C701, 709 C702, 703 C704, 714 C705 C706, 717  C707, 713, 724 C708 C711, 722 C712 C715, 716 C719 C720, 721 C723 C903 C921	Part No.  CKSOYB102K50  CCSORH101J50  COPA43162A  CKSOYB223K50 CKSOYB391K50 CEA100M16LS CKSOYB222K50  CFA470M16LS CCSOSL271J50 CKSOYB473K25 CCKSOYB473K25 CCKOYB473K25 CCMA683J50 CCMA683J50 CCAR33M50LS2 COMA473J50 CCAA71M16L2 CCSOSL101J50	KE-2730B/EW  Part No.  CKSOYF473Z50 CCSORH101J50 CCSOCH180J50 COPA331G2A  CCSORH820J50 CCSOSH390J50  CEAR47M50LS2	CCSORHIO1J50 CCPA431G2A CEA102M15L2 CCSOSLIO1J50		951 952 1 2 5 5 151 201 205 252 451 901 951 964 965 967 1 2 3 4 4 5 6 201 202 203 7 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	202 911 452	203	454	Variable Capacitance Diode Chip Diode  251  Variable Capacitance Diode  456 458 459 701 702  962 963 966 969  Inductor 0.12 µ H Coil Coil Coil OSC Coil Inductor 15 µ H Ferri-Inductor 4.7 µ H Ferri-Inductor 33 µ H Ferri-Inductor 4.7 µ H Micro-Inductor 0.68 µ H Choke Coil Ferri-Inductor 100 µ H Coil	DTA124ES 1SV128A-BI SVC203-AB MA157-MR HZS4R3EB3  1SS133 KV1235Z3 RD9R1JSB2 1SS133 RD3R0ESB2 ERA15-02Y 1SS133 RD5R6JSB2 MA700 RD5R1JSB2 CTC1020 CTC1056  CTC1022 CTC1020 CTC1056  CTC1024 LAU150K LAU4R7K LAU330K CTF-161  LAUR68M CTH1084 LAU101K CTC1064
Circuit Symbol & No.  C185 C210. 211. 220. 221 C212 C213 C214  C215 C217 C219 C231 C501  C701. 709 C702. 703 C704. 714 C705 C706. 717  C707. 713. 724 C708 C711. 722 C715. 716 C718 C719 C720. 721 C723 C903 C921 C902	Part No.  CKSQYB102K50  CKSQYB102K50  CCSQRH101J50  CQPA43162A  CKSQYB223K50 CEA100M16LS CESQYB391K50 CEA100M16LS CCSQYB222K50  CEA470M16LS CCSQYB473K25 CEA010M50LS2 CCMA102J50 CCMA683J50 CEA73M50LS2 COMA673J50 CEA471M16L2 CCSQSL101J50 CKDYB391K50	KE-27308/EW  Part No.  CKS0YF473Z50 CCS0RH101J50 CCS0CH180J50 CCPA331G2A  CCS0RH820J50 CCS0SH390J50  CEAR47M50LS2	KE-2700B/HT  PBTT No.   CCSORH101J58  COPA431G2A   CEA102M16L2 CCSQSL101J50 CKDYB391K50		951 952 1 2 5 151 201 205 252 451 501 901 951 964 965 967 1 2 3 4 4 5 6 201 202 203 701 901 901 905 901 905 907	202 911 452	203	454	Variable Capacitance Diode Chip Diode  251 Variable Capacitance Diode  456 458 459 701 702  962 963 966 969  Inductor 0.12 µ H Coil Coil OSC Coil Inductor 15 µ H Ferri-Inductor 4.7 µ H Ferri-Inductor 33 µ H Ferri-Inductor 4.7 µ H Micro-Inductor 0.68 µ H Choke Coil Ferri-Inductor 100 µ H	DTA124ES 1SV128A-BI SVC203-AB MA157-MR HZS4R3EB3  1SS133 KV1235Z3 RD9R1JSB2 1SS133 RD3R0ESB2 ERA15-02Y 1SS133 RD5R6JSB2 MA700 RD5R1JSB2 CTC1020 CTC1056  CTC1022 CTC1020 CTC1056  CTC1024 LAU150K LAU4R7K LAU330K CTF-161  LAUR68M CTH1084 LAU101K
Circuit Symbol & No.  C165 C210, 211, 220, 221 C212 C213 C214  C215 C217 C219 C231 C501  C701, 709 C702, 703 C704, 714 C705 C706, 717  C707, 713, 724 C708 C710 C711, 722 C712 C715, 716 C718 C719 C720, 721 C723 C903 C921	Part No.  CKSOYB102K50  CCSORH101J50  COPA43162A  CKSOYB223K50 CKSOYB391K50 CEA100M16LS CKSOYB222K50  CFA470M16LS CCSOSL271J50 CKSOYB473K25 CCKSOYB473K25 CCKOYB473K25 CCMA683J50 CCMA683J50 CCAR33M50LS2 COMA473J50 CCAA71M16L2 CCSOSL101J50	KE-2730B/EW  Part No.  CKSOYF473Z50 CCSORH101J50 CCSOCH180J50 COPA331G2A  CCSORH820J50 CCSOSH390J50  CEAR47M50LS2	CCSORHIO1J50 CCPA431G2A CEA102M15L2 CCSOSLIO1J50		951 952 1 2 5 5 151 201 205 252 451 901 951 964 965 967 1 2 3 4 4 5 6 201 202 203 7 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	202 911 452	203	454	Variable Capacitance Diode Chip Diode  251  Variable Capacitance Diode  456 458 459 701 702  962 963 966 969  Inductor 0.12 µ H Coil Coil Coil OSC Coil Inductor 15 µ H Ferri-Inductor 4.7 µ H Ferri-Inductor 33 µ H Ferri-Inductor 4.7 µ H Micro-Inductor 0.68 µ H Choke Coil Ferri-Inductor 100 µ H Coil	DTA124ES 1SV128A-BI SVC203-AB MA157-MR HZS4R3EB3  1SS133 KV1235Z3 RD9R1JSB2 1SS133 RD3R0ESB2 ERA15-02Y 1SS133 RD5R6JSB2 MA700 RD5R1JSB2 CTC1020 CTC1056  CTC1022 CTC1020 CTC1056  CTC1024 LAU150K LAU4R7K LAU330K CTF-161  LAUR68M CTH1084 LAU101K CTC1064

CKSQYF473Z50

CKSQYF473750

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CEA2R2M50LS2 CEA220M16LS

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C953

C957 C958

k ====		==	Cir	cuit	Syn	mbol	& No.	. ==== Part Name	Part No.			= Ci	rcuit	Symb	0   &	No.	==== Part Name	Part No.
 T	201						oil		CTB1056	R								RS1/10S33
							Coil		CTB1008	R	155	718						R\$1/10\$18
	202								CTB1058	R	156							RS1/10S68
	203		0 4				Coil											RS1/10S68
	205						Coil		CTE1041	R	158							RS1/10533
T	206					(	Coil		CTE1042	R	159							K31/10333
T	210					(	Coil		CTB1061	R	160							R\$1/10\$10
CF	1					(	Cerami	c filter	CTF-182	R	203							RD1/4PS51
			52					c Filter	CTF1130	R	205							RS1/10S51
CF	51		32						CTF1085	R	211							RS1/10S10
C F H	201						Filter Surge	Protector	DSP-201M	R	220							RD1/4PS75
							_			_								Des /10010
Х	151					(	Cerami	c Resonator	CSS1066	R	221							R\$1/10\$10
Х	702					(	Cerami	c Resonator	C\$\$1022	R	222							RD1/4PS22
X	951					(	Crysta	l Resonator	CSS1011	R	224	456	461	462	473	474	478	RS1/10S0R
VR								ixed 150kΩ (B)	VRMB6VS154	R	251	252						RS1/10S51
۷R								ixed 33kΩ (B)	VRMB6VS333	R	253	254	703	704	705	717	739	RS1/10S10
							W I	0010 (1)	0001166	R	255	256						RS1/10S15
۷R								20kΩ (A)	CCS1166									RS1/10S13
٧R	452	!				1	Volume	50kΩ (G)	CCS1165	R	257							
٧R	453	}					Volume	/Switch 20kΩ (B)	CCS1170	R	259	260						RS1/10S33
	701							ixed 220Ω (8)	VRMB6VS221	R	262							RS1/10S39
В							Batter		CEX1014	R	263	490	492					RS1/850R0
							1.00		CAW1097	R	351	352						RD1/4PS33
							LCD		CATIOSI		355		506					RD1/4PS10
										R		203	300					
ISTORS	S									R	453							RD1/4PS27
										R	454							R\$1/10\$27
								, ==== Part Nam		R	467	468						RD1/4PS56
									001/1000001		469	470						RS1/8S222
R		1	3	5	10	16 /	30		R\$1/10\$223J		471							RS1/8S222
R		2							RD1/4PS151J	_								•
R		4	459	460					RS1/10S333J		472							RS1/8S222
R	1		47 G	962					RD1/4PS473J	Į R	476							R\$1/10\$2F
R		8							R\$1/10\$563J		477							R\$1/10\$33
									DD1/4D05621	, R	481	485						RD1/4PS10
R		9							RD1/4PS563J	٠,	482							RD1/4PS39
R	1	0	157	201	20	2	714 7	16 728	RS1/10S103J								701	
R	1	3							RD1/4PS271J		486		499			228	121	RS1/10S0F
R	1								R\$1/10\$561J	R	501	504	715	955	966			RD1/4PS47
R	1								R\$1/10\$683J	R	505	723						RD1/4PS15
_									RS1/10S474J	R	551	552						RS1/10518
R	1											556						RS1/10S1
R	1	7							RD1/4PS271J			330						RD1/4PS01
R	- 1	8							RS1/10S331J		557							
R	2	Ð							R\$1/105182J	R	559							RS1/10S68
R	2								RS1/10S101J	R	707							RS1/10S1
									RS1/10S223J	R	708	710	711	734				RS1/10S1
R	2										709							RD1/4PS2
R		3							RD1/4PS472J	•								RS1/10S5
R	2	4							RD1/4PS682J	_	712							
R			223	702					RS1/10S472J		720							RS1/10S2
R				219		6 3			RD1/4PS103J	L R	725	727						R\$1/10\$0
•									RS1/10S331J	R	726							RS1/10S5
R		1									730							RS1/10SB
R		2							RD1/4PS333J									
R	5	3	480						RD1/4PS104J		731							RS1/10S1
R	5	4							RD1/4PS103J	L R	735							RS1/8S22
R		5							RS1/10S682J	R	737							RS1/8S47
	,	c	9 . ^	964	1	2.4			RD1/4PS153J	L R	738							RS1/8S10
R				354						٠.	901							RD1/2PS3
R			210	701	7	13	719	119	RS1/10S473J		911							R\$1/10S3
R	5	8							RS1/10S513J									
R		9							R\$1/10\$0R0J	_	912	967						RS1/10S2: RS1/10S1
R	10	1							R\$1/10\$133J	n	313	301						no 17 (US)
R	10	2							RS1/10S682J			959						RS1/10S2
R	10								R\$1/10\$183J	R	951							RD1/4PS4
			722						R\$1/10\$682J		953							RS1/10S3
R			722						R\$1/108752J		956							RD1/4PS4
R	10																	RD1/4PS2
R	15	3							RD1/4PS562J		960							
n										R	961							RD1/4PS3
"										R	964							RD1/4PS3

CAPACITORS	Mark ====== Circuit Symbol & No. ==== Part Name Part No.
mark	art No. C 553 554 CEA010M50L2 C 559 560 565 CQEA224J63
C 1 3 17 56 203 CC	CSQCH220J50 C 561 562 CEA102M10L2
C 2 53 58 205 226 710 902 CI	KSQYF473Z50 C 564 CEA471M16L2
C 4 25	CSQCH330J50 C 702 703 CKSQYB391K50
C 5 207 209 CC	CSQTH090D50
	CSQTH070D50 C 708 CCSQSL271J50
•	C 711 722 CKSQYF473225
C 7 202 706 717 CF	VAAUBAAAUFA
	VARALE AND A PARTY
· · · · · · · · · · · · · · · · · · ·	KSQYB223K50 C 715 716 CQMA102J50
	CSQTH150J50 C 718 CQMA683J50
*	C\$0\$L271J50
C 11 CF	KSQYB103K50 C 719 CEAR33M50LS2
	C 720 721 CQMA473J50
C 12 CC	CSQCH470J50 C 723 CEA471M16L2
C 13 224 CE	EA3R3M50LS C 901 CEA222M16L2
C 14 CR	KSQYB102K50 C 903 CEA331M16L2
C 15 CC	CSQCH080D50
	CSQCH100D50 C 911 CEA331M16L2
• •	C 921 CCSQSL101J50
C 18 CC	00001100110
	MANUAL MA
	UNITED TO
	KSQYF104Z50 C 951 952 CCSQCH100D50
	KSYB393K50
C 24 CC	CSQCH470J50 C 955 CKSQYF473Z50
	C 956 CEA331M6R3L2
C 27 52 912 CE	EA101M10LS C 958 CEA220M16LS
C 51 54 59 105 154 204 216 227 CK	KSQYB223K50
C 55 155 156 157 CE	EAO10M50LS2
	EAR47M50LS2
• • • • • • • • • • • • • • • • • • • •	CDLH910J50 Tuner Amp Unit
	MISCELLANEOUS
	KSYB473K50   KE-1700SDK/WG   KE-1730B/EW   KE-1700B/IT
	EA470M16LS
	KSQYB182K50   Circuit Symbol & No.   Part No.   Part No.   Part No.   Part No.
	KSQYB682K50
C 106 CK	KSQYB102K50 1C701 LA2220
	1C702 TA75558S
C 151 152 CK	KSQYB183J50   Q203. 204. 205. 206. 207     2SC2458
C 153 CK	KSQYB332K50 Q504 DTC143ES
C 158 CE	EAR22M50LS2 0505 DTC124ES
C 159 CE	EAOR1M50LS2 0701, 702, 705 2SC2458
C 161 467 CE	EA100M16LS2 0703 2SC2458 2SC30A
	0704 2SA1048
C 162 163 CK	KSQYB152K50 0706 2SC2534NC
	KSQYB102K50 Q707 2SC2712
	CSOCHO10C50
	lares lares l
	DICIALE DICIALE
C 218	CSQUJ180J50 Q913 01014355 01017453 01017453
	0701 702 155133
* ***	EAR47M50LS2 0951, 966, 969 15S133
C 225 232 CK	KSQYB473K25
C 228 705 CE	EA220M16LS D953 155133
C 229 230 701 709 CK	KSQYB223K50 L701 LAURSSM
C 231 CO	QPA431G2A   T202   CTB1008   CTB1004   CTB1008
	T207 CTB1059
C 251 252 CK	KSQYB102K50 T208.209 CTB1062
	EA2R2M50LS2
* *** *** ***	EA470M10LS 1210 CTB1061 CTB1060 CTB1061
• •••	EA470M10L2 X702 CSS1022
	VR701
C 257 258 CK	KSOYB103K50
A AAA 555 550	54003441012
	EA221M10L2
	EA100M16L2
* ***	EA4R7M35L2
	EA2R2M50LS2
C 463 464 CE	EAR22M50L2
C 465 466 CK	KSQYB152K50
	EAO10M50LS2
	KSQYB473K50
	CH1005
C 551 552 CK	KSQYB102K50

#### RESISTORS

#### CAPACITORS

Circuit Symbol & No.	KE-1700SDK/WG Part No.	RE-1730B/EW Part No.	KE-17008/1T Part No.
R208, 209, 213, 218		RD1/4PS561JL	
R2 12		RD1/4PS104JL	
R214		RS1/105821J	
R2 16. 217		RS1/10S474J	
R224	RS1/10SOROJ		RS1/10S0R0J
R476	RS1/10S2R7J	RS1/10SOROJ	RS1/10S0R0J
R481	RD1/4PS102JL	RD1/4PS222JL	RD1/4PS222JL
R485	RD1/4PS102JL		
R 5 0 1	RD1/4PS472JL	RD1/4P\$222JL	RD1/4PS472JL
R502		RD1/4PS222JL	
R 5 0 7		RD1/4PS331JL	
R701, 713, 719, 729	RS1/10S473J	• • • • • • • • • • • • • • • • • • • •	
R702	RS1/10S472J		
R703, 704, 705, 717, 739	RS1/105104J	••••	
R706, 736	RS1/10S223J		
R735	RS1/8S223J		
R707	R\$1/105181J		
R708, 710, 711, 734	R\$1/10\$102J	1	1
R709, 732	RD1/4PS223JL		
R712	RS1/105561J		• • • • • • • • • • • • • • • • • • • •
R714, 718, 728	RS1/10S103J	••••	
R715	RD1/4PS472JL	• • • • • • • • • • • • • • • • • • • •	
R718	RS1/10S182J		
R720	RS1/10S222J		
R721	RS1/10S0R0J		
R722	RS1/10S682J		• • • • •
R723	RD1/4PS152JL		
R724	RD1/4PS153JL	•••••	
R725. 727	RS1/10SOROJ		
R726	R\$1/10\$564J		
R730	R\$1/10\$823J	1	
R731	RS1/10S123J	•••••	
R737	RS1/8S473J		
R738	RS1/8S103J		
R955	RD1/4PS472JL	RD1/4PS473JL	RD1/4PS473JL
R967	RS1/10S103J	RS1/10S0R0J	RS1/10S0R0J

Circuit Symbol & No.	KE-1700SDK/WG Part No.	KE-1730B/EW Part No.	KE-1700B/IT Part No.
210, 211, 220, 221		CKSQYF473750	
212		CCSORHIOIJSO	
213		CCSQCH180J50	
214		CQPA331G2A	•••••
215		CCSQRH820J50	
217	CCSQRH101J50	CKSQYB223K50	CCSORH101J50
219		CCSQSH390J50	
231	CQPA431G2A		CQPA431G2A
501	••••	CEAR47M50LS2	
701, 709	CKSQYB223K50		
702, 703	CKSQYB391K50		
704, 714	CEA100M16L2		
705	CEA220M16LS		
706, 717	CKSQYB222K50		• • • • • • • • • • • • • • • • • • • •
707, 713, 724	CEA470M16LS		
708	CCSQSL271J50		
710	CKSQYF473750		
711, 722	CKSQYF473725		
712	CEA010M50LS2		
715, 716	CQMA102J50		
718	COMA683J50		• • • • • • • • • • • • • • • • • • • •
719	CEAR33M50LS2	· · · · ·	
720, 721	COMA473J50		
:723	CEA471M16L2	1	
903	CEA331M16L2	CEA102M16L2	CEA102M1612
921	CCSQSL 101350		CCSQSL101J50
922	CKDYB391K50		CKDYB391K50
923. 924. 925	CKPYF223725L		CKPYF2232251
953		CKSQYF473250	CKSQYF473750
357	CEA2R2M50LS2		
958	CEA220M16LS		

